REPORT

OF THE

HEALTH OF LIVERPOOL

DURING THE YEAR 1879,

BY J. STOPFORD TAYLOR, M.D.,

Medical Officer of Health.

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1880.

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REPORT, 1879.

The returns made to the Registrar General for the year 1879 comprised a period of fifty-three weeks, and included 21,277 births and 14,818 deaths, giving a natural increase of 6,459. The Birth-rate was 39·5, and the Death-rate 27·5, per 1,000.

The estimated population for this year was 538,338, and for 1880, 544,056, giving an estimated increase of 5,718, or 741 less than the natural increase. To render the following tables comparable with the corresponding tables in previous reports, they have been calculated for fifty-two weeks, unless otherwise stated, and give a Birth-rate of 38·7, and a Death-rate of 26·9, per 1,000.

The year was remarkable for the low temperature which prevailed, more particularly in the first quarter, when it was lower than in any corresponding period for the last twenty years, and was, consequently, marked by a great increase in deaths from lung diseases. The cold and stormy summer had a beneficial effect in lessening the number of deaths from Diarrhœa, which were fewer than ever recorded in Liverpool.

In a great community like ours there will always be a large amount of animal and vegetable matter undergoing decomposition, and the atmosphere will contain various noxious effluvia; it will, therefore, be readily understood how the past summer was so healthy when we consider how putrefaction was retarded by the cold, the atmosphere washed of its impurities, and the streets and drains cleansed by the rain, and the perflation of the courts and narrow streets promoted by the high winds.

The following tables will illustrate the effect of a low temperature in diminishing and increasing disease :—

DIARRHŒA.

1877	No. of Deaths.	Mean Temperature.	Rainfall in Inches.	Wind. Mean Velocity in Miles.	1878	No. of Deaths.	Mean Temperature.	Rainfall in Inches.	Wind. Mean Velocity in Miles.	1879	No. of Deaths.	Mean Temperature.	Rainfall in Inches.	Wind. Mean Velocity in Miles.
June ..	35	59·4	1·144	389	June ..	42	59·0	2·961	218	June ..	21	56·3	3·515	369
July ..	68	58·6	4·532	415	July ..	310	61·7	1·075	284	July ..	10	57·1	2·921	464
Aug. ..	221	59·2	4·921	372	Aug. ..	370	61·7	4·250	314	Aug. ..	100	58·2	6·211	421
Sept. ..	141	53·5	2·987	347	Sept. ..	120	57·2	4·146	354	Sept. ..	106	55·0	3·083	350
Oct.....	44	50·6	3·046	471	Oct.....	33	51·0	2·375	399	Oct.....	42	49·3	1·155	379

LUNG DISEASES, INCLUDING PHTHISIS.

1878.	No. of Deaths.	Mean Temperature	1879.	No. of Deaths.	Mean Temperature
Week ending			Week ending		
January 5	97	44·6	January 4	150	39·1
,, 12	113	38·5	,, 11	150	27·7
,, 19	110	45·6	,, 18	177	36·4
,, 26	104	41·0	,, 25	133	29·0
February 2	116	37·3	February 1	186	31·1
,, 9	103	36·9	,, 8	202	39·2
,, 16	142	41·8	,, 15	189	40·4
,, 23	108	46·8	,, 22	164	34·8
March 2	120	48·3	March 1	161	37·3
,, 9	94	45·8	,, 8	142	44·2
,, 16	97	42·2	,, 15	110	42·6
,, 23	79	43·7	,, 22	128	40·8
,, 30	104	37·2	,, 29	101	35·9
	1387	42·3		1993	36·8

ZYMOTICS.

This is a class of diseases over which sanitary measures have the greatest control, and the results obtained by the exertions of the Corporation to remove the stigma under which the town laboured are very satisfactory, and will become each year more evident, as sanitary measures are only gradual in their beneficial operation. Typhus, from which the town has suffered so much, continues to decline, and it may confidently be hoped that it will shortly become a disease of comparatively rare occurrence. In the following table of deaths from fever 91 only were registered as typhus, and the deaths from other forms of fever also show a corresponding decrease :—

Year.	Deaths from Diarrhœa.	Deaths from Fever.	Deaths from Relapsing Fever.
1866	1145	1523	...
1867	796	656	...
1868	1108	841	...
1869	1001	783	...
1870	1151	572	355
1871	1127	701	207
1872	998	451	25
1873	906	335	...
1874	879	449	...
1875	842	490	...
1876	694	398	...
1877	605	382	...
1878	979	375	...
1879	402	248	...

SCARLATINA was prevalent during the year, and occasioned 734 deaths, being 16 more than the average of the last ten years. Isolation of the patient is the only means of preventing the spread of this disease, and, as there are very few houses in which it can be effectually adopted, it is desirable that the patients should be removed to hospital, where they will be placed under better sanitary conditions than can be obtained in most houses, and, consequently, have better prospects of recovery. Beyond this advantage it will also do away with the risk of contagion being carried from the house and spread by children attending schools, servants and others visiting friends, places of business, &c. In too many instances has the non-removal of the first case

caused the loss of two or three children in the same family, and very frequently the mothers have also been sacrificed, for the Scarlatina poison is particularly fatal to women in child-bed.

MEASLES was more fatal than usual, owing to the complications arising from the cold in the last quarter of the year, when 321 deaths from this disease occurred out of 445 for the whole year.

When a case of infectious disease is reported, the house is visited and every information and assistance given for the removal of the patient, if desired, and disinfection of the clothing, house, &c. The number of infectious cases reported during the year was 3,857, and 710 patients were removed to hospital, of whom 244 were removed by the Sanitary Officers.

1,855 post cards were sent to the head masters of the various schools informing them that children from infected houses attended their schools; similar information was also given to the School Board.

CONTAGIOUS DISEASES (ANIMALS) ACT, 1878.

This Act was referred to the Medical Officer to carry out in conjunction with the Veterinary Surgeon, the Inspector of Nuisances, and the Meat Inspectors. From October 1st, 1878, to December 31st, 1879, Pleuro-pneumonia was found in 11 cowsheds, affecting 34 cows, which were slaughtered by order of the owners or of the Corporation; and 43 cows, which were not diseased, but had been either in contact with the affected ones or in the same cowsheds, were slaughtered by order of the owners.

Pig Typhoid was found amongst the swine imported from Ireland and America. The disease was detected in 30 Irish pigs and 2 American.

The Dairies, Cowsheds, and Milkshops Order, made under the above Act, authorised the Corporation to make regulations for prescribing and regulating the cleansing of dairies and cowsheds in the occupation of persons following the trade of cowkeepers or dairymen, and the cleansing of milk stores, milk shops, and milk vessels used for containing milk for sale by such persons. The following regulations were made by the Council at a meeting held on the 5th day of March, 1879; and the registration of cow-keepers and dairy-men has been effected, subject to the approval of the Council, in this department.

The number of applicants for registration	2,099
,, ,, applications granted	1,223
,, ,, ,, refused	876

Under the Local Improvement Act, 1867, Cowsheds and Lairs for Cattle were licensed, and the same is still enforced. For the number licensed see page 48.

REGULATIONS.

1.—That any room used for the storage or sale of milk shall not be occupied as a living room nor communicate by door, window, or otherwise with any bedroom.

2.—That the milk vessels, tables, benches, and all other utensils and furniture shall be washed and thoroughly cleansed every day.

3.—That the floor of every room used for the storage or sale of milk shall be washed and cleansed every day before nine o'clock in the morning, and that the walls and ceiling shall be limewashed twice every year, that is to say, in March and October; but if the walls are painted, then they shall be washed and thoroughly cleansed twice every year, in March and October.

4.—That the words "Registered for the Sale of Milk" be painted over the entrance door of every room used for the sale of milk.

5.—All premises used for the sale of milk shall be open at all times to the inspection and examination of the officers appointed by the Local Authority for the purpose.

6.—The floors of all Cow Sheds must be of brick, stone, or other non-absorbent material, and sewered.

7.—The walls must be limewashed once yearly, that is to say, in March.

8.—There shall be a superficial space for each cow of not less than 3½ feet by 7 feet, but if two cows are kept together, then the space may be 6 feet by 7 feet. The passage of the Cow Shed shall, for each cow, be of the width of 3 feet, but if the cows are arranged as in a double Cow Shed, then the partition passage may be 4 feet wide.

9.—The floors of all Cow Sheds must be cleansed daily.

10.—The manure heap of the Cow Shed must be kept in a "sewered middenstead" and removed once during every fortnight.

CANAL BOATS ACT, 1877.

The regulations made by the Local Government Board under the above Act with reference to Canal Boats used as dwellings, state that every owner of a Canal Boat, who may desire to register it as a dwelling, shall apply to the Registration Authority having a district abutting on the canal on which the boat is accustomed or intended to ply. The Corporation of Liverpool is the authority for that portion of the Leeds and Liverpool Canal which is within their district, and it is incumbent on them not to allow any boats to be used for dwellings unless registered. Previous to the registration of a boat it must be examined as to its condition, the cabins measured, and the cubical space ascertained, and proper means for ventilation adopted. The Medical Officer is greatly indebted to Mr. Lee, the Manager for the Canal Company, for much valuable advice and assistance. The system of ventilation prescribed

was, for the after cabins, a small raised skylight with louvre openings at the sides, and, at the sides or stern part of the cabin, perforated ventilators with slides to regulate the draught according to the weather; for the fore cabins the covering of the hatchway was raised four inches, and perforations made in that side of the cover looking towards the afterpart of the boat. Deck ventilators could not be applied to the fore cabins, as the decks are liable to be flooded with water in passing the locks. Many boats plying on the Canal bring coal from the Wigan district, and take back manure or other offensive cargoes; they have all been fitted up with double bulkheads, &c., according to the Act. There are no "narrow" boats on the Canal.

Canal Boats Registered up to 31st December, 1879.

282 Boats.

83 Boats occasionally used as "fly" boats; when so used are allowed 174 persons in both cabins. When not used as "fly" boats they are allowed 102 in the after cabins and 95 in the fore cabins.

6 Boats only used as "fly" boats are allowed 24.

165 Boats have only the after cabins registered; 4 are allowed 3 persons each; 158 allowed 4 persons each; and 3 allowed 5 persons each.

28 Boats have both cabins registered; 4 are allowed 3 in the after cabin and 2 in fore cabin; 24 are allowed 4 in after cabin and 2 in fore cabin.

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OFFENSIVE TRADES.

Seventeen applications were made during the year for permission to carry on the trades of Fat-melting, Tripe-boiling, Soap-making, &c., &c., but eleven only were granted, the premises in the other cases not being suitable for the purpose.

Three certificates were given under the 114th section of the Public Health Act, 1875, stating that effluvia injurious to health were given off in the processes of reburning animal charcoal, used in the preparation of glucose; gut dressing, and the melting of fat scrapings; and the kiln drying of damaged cotton.

The Magistrates found the complaints proved, and directed in the first and second cases that means were to be adopted for the prevention and abatement of the nuisances to the satisfaction of the Medical Officer, and in the third case the defendant undertook to discontinue the business.

During the fifty-two weeks of the year 1879 (terminating on Saturday, December 27), the Returns of the Local Registrars record 20,844 births and 14,502 deaths within the Borough; the numbers for the corresponding period of the previous year, 1878, were 20,612 births and 15,584 deaths.

Of the births 10,571 were males and 10,273 were females, making the total Birth-rate of the Borough equal to 38·7 per 1,000; the average of the previous ten years being 38·0 per 1,000.

The distribution of the births in the different wards and districts of the Borough has been arranged in the following table:—

BIRTHS.

Districts and Wards.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Births.
Parish.	Scotland	368	368	336	323	392	365	361	358	2871
	Vauxhall	65	74	78	65	71	69	71	82	575
	St. Paul's and Exchange	103	93	89	91	82	86	84	70	698
	St. Anne's and Lime Street	162	154	153	144	150	136	125	148	1172
	Castle Street and St. Peter's	21	19	19	15	12	25	17	16	144
	Pitt Street and Gt. George	85	88	81	75	75	73	83	63	623
	Rodney St. & Abercromby	181	209	172	148	184	171	192	183	1440
Out-Townships.	Everton	533	588	533	513	601	524	533	523	4348
	Kirkdale	329	272	285	282	278	297	305	288	2336
	West Derby	381	356	315	310	289	296	351	304	2602
	The Toxteths	506	521	502	498	473	500	545	490	4035
Parish		985	1005	928	861	966	925	933	920	7523
Out-Townships		1749	1737	1635	1603	1641	1617	1734	1605	13321
Borough		2734	2742	2563	2464	2607	2542	2667	2525	20844

DEATHS.

Of the 14,502 deaths 7,415 were of males, and 7,087 of females; 6,846 occurred in the Parish, and 7,656 in the Out-townships.

The Death-rate of the Borough was equal to 26·9 per 1,000. The average of the previous ten years was 29·1 per 1,000.

The following table shows the actual number of deaths registered in the Parish and Out-townships, previous to the transference to the districts from whence the patients were removed, of the deaths occuring in the Workhouses and Hospitals. The Death-rate of the Parish was equal to 31·8, and that of the Out-townships to 21·9, per 1,000 of the population.

The deaths occurred in the following districts :—

	Districts.	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Deaths.
Parish.	Scotland	299	286	174	195	214	208	261	250	1887
	Vauxhall	66	83	51	33	43	49	57	51	433
	St. Paul's and Exchange	83	87	74	72	54	43	64	69	546
	St. Anne's and Lime Street	135	138	86	82	98	98	102	135	874
	Castle Street and St. Peter's	25	19	21	16	18	17	11	13	140
	Pitt Street and Great George	62	70	54	56	42	41	56	66	447
	Rodney Street and Abercromby	99	112	91	63	59	83	91	100	698
	Parish Workhouse and Hospitals	371	261	243	158	209	136	252	191	1821
Out-Townships.	Everton	378	386	257	263	249	244	368	383	2528
	Kirkdale	187	168	145	145	123	111	139	151	1169
	West Derby	167	190	159	163	122	122	205	186	1314
	The Toxteths	274	334	237	229	211	189	358	368	2200
	Out-Township Workhouse and Hospitals	77	56	59	37	61	31	74	50	445
	Parish	1140	1056	794	675	737	675	894	875	6846
	Out-Townships	1083	1134	857	837	766	697	1144	1138	7656
	Borough	2223	2190	1651	1512	1503	1372	2038	2013	14502

From the returns made as to the residences of persons dying in the Workhouses and Hospitals of the town, we are able to classify 1,813 of the deaths in these establishments under the wards and districts from whence the patients were removed, viz., 398 under Scotland Ward, 153 under Vauxhall Ward, 166 under St. Paul's and Exchange Wards (Dale Street District), 302 under St. Anne's and Lime Street Wards (Islington District), 30 under Castle Street and St. Peter's Wards (St. George's District), 116 under Pitt Street and Great George's Wards (St. Thomas's District), 173 under Rodney Street and Abercromby Wards (Mount Pleasant District), 210 under the Out-township of Everton, 65 under that of Kirkdale, 92 under that of West Derby, and 108 under those of the Toxteths. This will leave unclassified 277 deaths of persons whose previous residences were either unknown or not specified;

and these, in the absence of definite information, have been placed in the Wards in proportion to the number of total deaths; and 176 who were residents outside the Borough.

The results of the alterations occasioned by this re-arrangement of the deaths in the wards and districts will be shown in the following table, from which a calculated rate of mortality per 1,000 of the estimated inhabitants has been made; but it must be observed that the estimate of the population of all the districts in the Parish has been made on a rate of decrease which is probably in excess of what is going on.

Districts and Wards.	Annual.	
	Deaths.	Rate per 1000.
Scotland	2330	31·6
Vauxhall	598	39·4
St. Paul's and Exchange	726	35·7
St. Anne's and Lime Street	1199	30·4
Castle Street and St. Peter's	173	29·6
Pitt Street and Gt. George	574	29·7
Rodney Street and Abercromby	888	20·1
Everton	2792	20·2
Kirkdale	1258	21·2
West Derby	1434	21·6
The Toxteths	2354	25·1
Hospitals (Residences outside Borough)	176	..
Borough	14502	26·9

The following table shows the natural increase or decrease of population, and the number of births and deaths during the year 1879, in the several districts of the Borough:—

Districts and Wards.	Births.	Deaths.	Increase.	Decrease
Scotland	2871	2330	541	..
Vauxhall	575	598	..	23
St. Paul's and Exchange	698	726	..	28
St. Anne's and Lime Street	1172	1199	..	27
Castle Street and St. Peter's	144	173	..	29
Pitt Street and Gt. George	623	574	49	..
Rodney Street and Abercromby	1440	888	552	..
Everton	4348	2792	1556	..
Kirkdale	2336	1258	1078	..
West Derby	2602	1434	1168	..
The Toxteths	4035	2354	1681	..
Borough	20844	14326	6518	..
Hospitals (Residences outside Borough)	..	176	..	..
Total	20844	14502	6342	..

The following table, taken from the Registrar-General's Reports, will enable us to compare the mortality of Liverpool with twenty-two of the large towns of the United Kingdom:—

TOWNS.	Estimated Population in the middle of the year 1879.	Births in 53 Weeks, ending 3rd Jan., 1880.	Deaths in 53 Weeks, ending 3rd Jan., 1880.	Annual Rate to 1,000 of Population.		Population on Acre.
				Births.	Deaths.	
London	3620868	134096	85540	37·0	23·6	48·0
Brighton	105608	3198	2033	30·3	19·3	44·9
Portsmouth	131821	4247	2239	32·2	17·0	29·4
Norwich	85222	2947	1903	34·6	22·3	11·4
Plymouth	74293	2372	1692	31·9	22·8	53·3
Bristol	209947	7639	4493	36·4	21·4	47·2
Wolverhampton	75100	2908	1735	38·7	23·1	22·1
Birmingham	388884	15849	8766	40·8	22·5	46·3
Leicester	125622	4788	2758	38·1	22·0	39·3
Nottingham	169396	6193	3891	36·6	23·0	17·0
Manchester	361819	13345	9882	36·9	27·3	84·3
Salford	177849	7240	4494	40·7	25·3	34·4
Oldham	111318	3912	2451	35·1	22·0	23·9
Bradford	191046	6378	4106	33·4	21·5	26·5
Leeds	311860	11679	7150	37·4	22·9	14·5
Sheffield	297138	10822	6422	36·4	21·6	15·1
Hull	146347	5885	3311	40·2	22·6	40·3
Sunderland	114575	4579	2552	40·0	22·3	41·4
Newcastle-on-Tyne	146948	5498	3524	37·4	24·0	27·4
Edinburgh	226075	7530	4516	33·3	20·0	53·9
Glasgow	578156	20020	12754	34·6	22·1	95·8
Dublin	314666	9993	11235	31·8	35·7	31·3
Liverpool	538338	21277	14818	39·5	27·5	103·3

The average age at death of the Inhabitants of the Borough during the twelve months of the year 1879 was 25 years, in the Parish 27 years, and in the Out-townships 23 years.

WARDS.		Quarters.								Year 1879.		
		First.		Second.		Third.		Fourth.				
		Age in Years.		Age in Years.		Age in Years.		Age in Years.		Age in Years.		
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both Sexes
Scotland	Avg. Age at Death	24	29	20	23	13	17	15	20	18	22	20
Vauxhall	,,	28	26	17	21	20	22	19	20	21	22	22
St. Paul's	,,	25	28	18	32	28	25	25	27	24	28	26
Exchange	,,	34	37	27	24	16	15	31	32	27	27	27
St. Anne's	,,	23	27	24	23	17	18	21	15	21	21	21
Lime Street	,,	27	29	21	22	24	16	22	24	24	23	23
Castle Street	,,	47	50	32	38	41	...	16	51	34	46	40
St. Peter's	,,	24	47	20	34	18	25	33	24	24	33	28
Pitt Street	,,	24	26	18	17	33	19	20	24	24	22	23
Great George	,,	33	35	16	25	26	22	22	24	24	27	25
Rodney Street	,,	33	46	27	31	26	39	31	25	29	35	32
Abercromby	,,	25	51	29	34	29	29	23	29	27	36	31
Parish Workhouse and Hospitals	,,	41	40	38	39	35	38	36	41	38	40	39
Everton	,,	24	31	19	26	18	20	14	19	19	24	21
Kirkdale	,,	23	25	16	22	16	21	16	19	18	22	20
West Derby	,,	21	31	23	26	21	26	20	21	21	26	24
North Toxteth	,,	28	35	22	27	25	30	16	22	23	29	26
South Toxteth	,,	24	30	26	21	19	24	15	17	21	23	22
Out-Township Workhouse & Hospitals	,,	39	41	42	42	34	37	38	32	38	38	38
Parish	,,	31	34	27	28	23	24	25	26	27	28	27
Out-Townships	,,	25	31	22	26	21	24	17	21	21	26	23
Borough	,,	28	33	24	27	22	24	21	23	24	27	25

The deaths of Infants below the fifth year of their age amounted to 6,346, and thus comprised 43·8 per cent. of the whole deaths; the average number for the preceding ten years was 7,118, and the average percentage 47·6. The deaths of Infants below one year of age amounted to 3,384, or 16·4 per cent. of all the children born within the Borough died before attaining the age of twelve months.

The first of the following tables shows the districts where Infantile Mortality was relatively and absolutely greatest, the second table illustrates the influence of age on the death-rate of the Borough, and the third table places, in one connected view, the pathological history of the death registry.

WARDS.		Quarters.				Annual.	Per Centage of Deaths under 5 years to Total Deaths.
		March.	June.	Sept.	Dec		
Scotland	Total Deaths..	585	369	422	511	1887	53·2
	Below 5 years..	257	182	274	291	1004	
Vauxhall	Total Deaths..	149	84	92	108	433	49·9
	Below 5 years..	60	50	48	58	216	
St. Paul's	Total Deaths..	95	81	50	72	298	43·0
	Below 5 years..	40	36	21	31	128	
Exchange	Total Deaths..	75	65	47	61	248	38·7
	Below 5 years..	23	26	27	20	96	
St. Anne's	Total Deaths..	192	125	151	174	642	53·0
	Below 5 years..	83	61	88	108	340	
Lime Street	Total Deaths..	81	43	45	63	232	46·6
	Below 5 years..	32	22	22	32	108	
Castle Street	Total Deaths..	15	8	6	3	32	21·9
	Below 5 years..	2	2	2	1	7	
St. Peter's	Total Deaths..	29	29	29	21	108	39·8
	Below 5 years..	9	12	13	9	43	
Pitt Street	Total Deaths..	53	49	34	57	193	48·2
	Below 5 years..	19	29	15	30	93	
Great George	Total Deaths..	79	61	49	65	254	44·9
	Below 5 years..	26	34	20	34	114	
Rodney Street	Total Deaths..	99	76	61	85	321	34·9
	Below 5 years..	26	28	19	39	112	
Abercromby	Total Deaths..	112	78	81	106	377	34·7
	Below 5 years..	31	24	30	46	131	
Parish Workhouse and Hospitals	Total Deaths..	632	401	345	443	1821	13·8
	Below 5 years..	76	41	59	76	252	
Everton	Total Deaths..	764	520	493	751	2528	52·5
	Below 5 years..	333	253	278	462	1326	
Kirkdale	Total Deaths..	355	290	234	290	1169	54·2
	Below 5 years..	168	160	135	171	634	
West Derby	Total Deaths..	357	322	244	391	1314	47·3
	Below 5 years..	150	150	123	199	622	
North Toxteth	Total Deaths..	338	275	213	376	1202	47·2
	Below 5 years..	130	134	86	217	567	
South Toxteth	Total Deaths..	270	191	187	350	998	53·0
	Below 5 years..	122	96	94	217	529	
Out-Township Workhouse and Hospitals	Total Deaths..	133	96	92	124	445	5·4
	Below 5 years..	7	4	5	8	24	
Parish	Total Deaths..	2196	1469	1412	1769	6846	38·6
	Below 5 years..	684	547	638	775	2644	
Out-Townships	Total Deaths..	2217	1694	1463	2282	7656	48·4
	Below 5 years..	910	797	721	1274	3702	
Borough	Total Deaths..	4413	3163	2875	4051	14502	43·8
	Below 5 years..	1594	1344	1359	2049	6346	

AGES.	Quarters.				Annual.	
	March.	June.	Sept.	Dec.	Deaths.	Rate per 1000 of population.
Deaths below 1 year of age	838	781	779	986	3384	6·3
,, between 1 year and 5	756	563	580	1063	2962	5·5
,, ,, 5 ,, 20	316	248	232	363	1159	2·1
,, ,, 20 ,, 60	1614	1110	913	1121	4758	8·8
,, above 60 years	888	459	371	518	2236	4·2
,, at ages unknown	1	2	..	..	3	0·006
,, at all ages	4413	3163	2875	4051	14502	26·9

The Registrars' Returns show that there were 8 deaths (6 of women and 2 of men) above the age of 90, viz., 1 male and 1 female at 91, 2 females at 92, 1 female at 94, 1 female at 97, 1 male at 99, and 1 female at 102.

CLASSES.	Quarters.				Year 1879.
	March.	June.	Sept.	Dec.	
1. Zymotic Diseases	545	422	619	905	2491
2. Diseases of Uncertain Seat	103	95	101	67	366
3. Tubercular Diseases	538	484	399	435	1856
4. Diseases of Brain, &c.	430	392	337	360	1519
5. ,, of Heart, &c.	234	174	204	216	828
6. ,, of Lungs, &c.	1577	731	422	1120	3850
7. ,, of Stomach, &c.	166	148	150	151	615
8. ,, of Kidneys, &c.	75	77	65	80	297
9. Childbirth, Diseases of Uterus, &c.	29	37	16	23	105
10. Rheumatism, Diseases of the Joints, &c.	28	18	26	29	101
11. Diseases of the Skin, Cellular Tissue, &c.	21	18	15	15	69
12. Malformations	10	5	9	16	40
13. Premature Birth	60	57	49	73	239
14. Atrophy and Debility	218	237	210	250	915
15. Old Age	173	106	76	128	483
16. Privation, Cold, &c.	..	1	1	4	6
17. Inquests	197	150	170	169	686
Causes not specified	9	11	6	10	36
All Causes	4413	3163	2875	4051	14502
Total Zymotics	545	422	619	905	2491
Smallpox	..	..	..	..	..
Measles	10	29	95	321	455
Scarlatina	198	143	144	249	734
Hooping Cough	104	55	22	53	234
Diarrhœa	46	53	214	89	402
Fever	77	57	56	58	248

ZYMOTICS.

This class of diseases occasioned 2,491 deaths during the year 1879, and accounted for 17·2 per cent. of the total mortality within the Borough during the same period. The average number of deaths from these diseases for the preceding ten years was 3,827, and the percentage death rate for 1879 was 8·0 per cent. less than the proportional rate of zymotic deaths to deaths from all causes during the preceding decennial period. The following table shows the localities and the periods of their fatal prevalence:—

WARDS, &c.	Deaths from all Causes.	ZYMOTICS.				
		Quarters.				Per Centage of Zymotic Deaths to Deaths from all Causes.
		March.	June.	Sept.	Dec.	
Scotland	1887	70	65	129	118	20·2
Vauxhall	433	17	8	10	22	13·2
St. Paul's	298	5	8	8	14	11·7
Exchange	248	2	7	11	11	12·5
St. Anne's	642	28	12	45	36	18·8
Lime Street	232	7	6	9	19	17·7
Castle Street	32	..	..	1	..	3·1
St. Peter's	108	4	5	4	3	14·8
Pitt Street	193	8	11	8	9	18·7
Great George	254	13	5	9	16	16·9
Rodney Street	321	12	11	6	14	13·4
Abercromby	377	10	6	14	20	13·3
Liverpool Workhouse Hospital	1368	49	33	48	40	12·4
Royal Infirmary	272	..	1	..	..	0·4
Children's Infirmary	33	1	1	1	2	15·2
Lying-in Hospital	16	..	..	..	1	6·3
North Hospital	132	..	1	..	..	0·8
Stanley Hospital	21	..	..	..	..	..
Royal South Hospital	138	1	2	..	..	2·2
Netherfield Road Hospital	6	..	..	1	3	66·7
West Derby Union Hospital	280	18	8	8	15	17·5
Everton	2528	105	71	107	208	19·4
Kirkdale	1169	51	60	62	71	20·9
West Derby	1314	58	44	52	99	19·3
North Toxteth	1202	47	36	36	100	18·2
South Toxteth	998	39	21	50	84	19·4
Parish	6846	226	180	303	325	15·1
Out-Townships	7656	319	242	316	580	19·0
Borough	14502	545	422	619	905	17·2

FEVER.

Fever accounted for 248 deaths within the Borough of Liverpool, or for 118 in the Parish and 130 in the Out-Townships. (The average number of deaths for the preceding ten years was 493). The rate of its mortality was equal to 0·5 per 1,000 of the estimated population. Its percentage rate relatively to deaths from all causes was 1·7 during the first, 1·8 during the second, 1·9 during the third, and 1·4 during the fourth quarter of the year. Its annual rate relatively to deaths from all causes

was 1·7 per cent., and relatively to deaths from zymotic causes 10·0 per cent. Its deaths included 133 males and 115 females; 86 persons below the age of 15, 49 between the ages of 15 and 30, and 113 above the age of 30.

Under the term Fever every form of continued fever is included; but the registers of deaths attribute 16 cases to gastric fever, 82 to typhoid fever, 31 to enteric fever, 13 to continued fever, 2 to relapsing fever, 91 to typhus, 15 to fever, 3 to febris, and under that of febricula 5 deaths.

The following tables are in themselves sufficiently explanatory. The first compares the averages of deaths from typhus during the preceding ten years with those during 1879; the second and third tables show the districts of the town and the periods of the year in which all forms of continued fever were most fatally prevalent; the fourth marks in streets the habitats of the disease; and the remaining tables the occupations and positions of its victims.

WARDS.	Exact Average of Fever Deaths for Preceding Ten Years.	Deaths from Fever during the Year 1879.
Scotland	61	31
Vauxhall	13	5
St. Paul's	8	2
Exchange	5	1
St. Anne's	24	9
Lime Street	8	3
Castle Street	1	...
St. Peter's	4	1
Pitt Street	6	3
Great George	10	...
Rodney Street	7	1
Abercromby	12	2
Everton	82	35
Kirkdale		28
West Derby	27	13
North Toxteth	23	10
South Toxteth	26	12
Hospital Deaths	176	92
Total	493	248

In the above table the averages have been calculated without making allowance for increase of population.

DEATHS FROM FEVER DURING THE YEAR 1879.

Wards.	January.				February.				March.					Quarter.	April.				May.					June.				Quarter.
	4	11	18	25	1	8	15	22	1	8	15	22	29		5	12	19	26	3	10	17	24	31	7	14	21	28	
Scotland	1	1	1	..	..	..	..	1	..	1	1	1	1	8	..	2	1	..	..	..	1	..	2	3	2	2	..	13
Vauxhall	..	2	..	..	..	1	..	..	1	1	..	..	..	5	..	..	..	..	..	1	1	..	..	..	..	..	1	3
St. Paul's	..	..	..	..	..	..	..	1	..	.	..	..	..	1	..	..	..	..	..	..	1	2	1	..	..	..	..	4
Exchange	..	..	..	2	..	1	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	1	..	1
St. Anne's	..	2	..	..	..	1	..	4	..	1	..	1	..	9	1	..	..	..	..	1	1	..	..	1	..	..	..	4
Lime Street	..	1	..	..	..	..	..	..	..	1	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Castle Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	..	1	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Great George	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	2
Abercromby	..	..	..	3	..	2	1	..	..	..	..	..	..	6	1	..	..	..	..	..	..	..	..	..	..	..	..	1
Everton	..	1	..	1	1	..	..	2	1	6	3	1	3	19	..	2	1	..	1	..	2	1	..	..	..	..	1	8
Kirkdale	..	..	3	..	..	1	..	..	..	..	..	1	..	5	1	1	2	..	1	..	..	2	1	1	1	..	..	10
West Derby	..	..	1	..	..	1	1	..	..	..	..	..	..	3	..	..	1	..	..	..	..	2	..	..	..	..	2	5
North Toxteth	..	1	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	1	1	1	..	3
South Toxteth	..	..	..	1	..	..	..	..	1	..	1	1	..	4	..	..	..	1	..	..	..	..	..	..	..	..	1	2
Hospitals (Residences out of Boro')	..	..	..	..	1	..	..	1	..	2	..	..	1	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hospitals (Residences unknown)	..	1	..	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	1	10	5	8	3	7	2	10	3	12	6	5	5	77	3	5	7	1	2	2	6	8	4	6	4	4	5	57

Wards.	July.				August.					September.				Quarter.	October.				November.					December.				Quarter.	Year.
	5	12	19	26	2	9	16	23	30	6	13	20	27		4	11	18	25	1	8	15	22	29	6	13	20	27		
Scotland	..	1	1	1	..	1	..	2	..	1	1	2	..	10	..	..	..	1	2	2	..	2	2	..	1	1	1	12	43
Vauxhall	..	..	..	..	..	..	1	2	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	1	12
St. Paul's	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	6
Exchange	1	..	..	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	7
St. Anne's	..	..	..	1	2	..	1	..	..	..	..	..	..	4	..	..	..	..	..	..	..	2	..	..	1	1	..	4	21
Lime Street	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
Castle Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Pitt Street	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	2	5
Great George	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Rodney Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Abercromby	..	..	..	..	1	..	..	..	1	..	..	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
Everton	..	..	1	..	..	..	..	1	..	..	..	..	1	3	2	1	2	..	2	1	1	2	1	2	..	1	1	16	46
Kirkdale	..	2	1	1	..	..	2	..	2	..	1	..	1	10	1	..	..	2	..	..	..	2	2	1	..	..	1	9	34
West Derby	..	..	..	1	..	..	1	..	1	..	..	..	1	4	..	..	..	..	1	..	1	..	..	..	1	..	1	4	16
North Toxteth	..	..	..	..	1	1	..	..	..	1	..	..	..	3	..	..	..	1	..	..	..	..	..	1	..	..	..	2	10
South Toxteth	..	1	..	..	..	..	..	..	..	1	1	..	1	4	..	..	..	1	..	..	..	1	..	..	..	..	..	2	12
Hospitals (Residences out of Boro')	1	..	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	1	..	2	9
Hospitals (Residences unknown)	..	1	..	..	..	..	1	..	..	1	..	..	1	4	..	..	..	..	..	..	..	1	..	..	1	..	..	2	8
Total	2	5	3	5	5	2	6	6	5	5	4	2	6	56	5	1	2	5	5	3	2	11	6	4	4	6	4	58	248

In arranging this table, all Deaths occurring in Hospitals, have been transferred to the Wards from whence they came.

DEATHS FROM FEVER.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total
Scotland	Below 5 years	..	..	2	..	1	3	2	..	5	3	8
	Above 5 years	2	3	6	2	1	2	3	4	12	11	23
Vauxhall	Below 5 years	..	..	..	..	..	..	..	1	..	1	1
	Above 5 years	1	1	..	1	1	..	..	..	2	2	4
St. Paul's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	1	..	..	..	..	..	1	..	2	2
Exchange	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years	1	..	..	..	1	1	..	..	2	1	3
	Above 5 years	..	1	..	2	..	1	2	..	2	4	6
Lime Street	Below 5 years	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years	..	2	..	..	..	..	..	..	..	2	2
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	1	..	..	..	1	1
Pitt Street	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years	..	2	..	..	..	..	..	..	..	2	2
Great George	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	1	..	..	..	..	..	1	1
Abercromby	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	1	..	1	..	..	..	2	2
Parish Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	11	12	11	3	11	3	8	1	41	19	60
Out-Township Workhouse and Hospitals.	Below 5 years	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years	11	4	2	2	4	..	5	3	22	9	31
Everton	Below 5 years	2	3	..	1	1	..	2	..	5	4	9
	Above 5 years	3	5	3	3	1	1	6	4	13	13	26
Kirkdale	Below 5 years	..	..	..	2	..	1	2	3	2	6	8
	Above 5 years	3	2	3	2	1	6	2	1	9	11	20
West Derby	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	1	1	4	2	2	3	..	6	7	13
North Toxteth	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	1	1	1	2	2	1	1	1	5	5	10
South Toxteth	Below 5 years	1	1	1	..	..	1	..	..	2	2	4
	Above 5 years	1	1	1	..	..	3	..	2	2	6	8
Parish	Below 5 years	1	..	2	..	4	5	2	1	9	6	15
	Above 5 years	14	22	17	10	13	8	13	6	57	46	103
Out-Townships	Below 5 years	3	4	1	3	1	2	5	3	10	12	22
	Above 5 years	19	14	11	13	10	13	17	11	57	51	108
Borough	Below 5 years	4	4	3	3	5	7	7	4	19	18	37
	Above 5 years	33	36	28	23	23	21	30	17	114	97	211

List of Streets in the Borough wherein Two or more Deaths from Fever occurred in 1879.

Streets in the Parish.	Houses. Front.	Houses. Court.	Total.	Streets in the Out-Townships.	Houses. Front.	Houses. Court.	Total.
Addison	..	2	2	Arkwright	2	..	2
Athol	2	..	2	Buckingham	2	..	2
Burlington	2	1	3	Christopher	1	1	2
Ford	..	2	2	Douro	..	2	2
Gerard	2	1	3	Elaine	2	..	2
Harker Place	2	..	2	Gloucester Place	2	..	2
Hedley	2	..	2	Grafton	2	1	3
Highfield	1	1	2	Howe	2	..	2
Hornby	1	1	2	Lancaster	2	..	2
Limekiln Lane	1	1	2	Lower Mersey View	2	..	2
Lionel	2	..	2	Mann	3	..	3
St. Andrew	1	2	3	Mazzini	2	..	2
St. Anne	2	1	3	Milford	2	..	2
Scotland Road	1	1	2	Mill	2	..	2
Tichfield	3	..	3	Reading	2	..	2
Trueman	3	..	3	Rishton	2	..	2
Upper Milk	..	4	4	South Chester	2	..	2
Walnut	4	..	4	Sparling Place	..	2	2
				Stitt	2	..	2

Occupations of Persons who (either themselves or members of their family) have died from Fever in the Workhouses or Hospitals of the Borough, tabulated into Wards from whence they came, during the Year 1879.

LIVERPOOL PARISH WORKHOUSE.

Occupations.	Wards. Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Residences Unknown.	Total.
Labourers	5	5	4	4	5	..	..	..	1	..	..	4	..	28
Tradesmen	4	..	..	1	3	1	..	..	..	..	2	3	..	14
Servants	1	1	..	..	3	..	..	..	..	..	..	1	..	6
Seamen	2	1	..	1	..	..	..	..	2	1	..	..	4	11
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Males	7	6	4	6	6	1	..	..	3	1	1	2	4	41
Females	5	1	..	..	5	..	..	..	..	..	1	6	1	19
Total	12	7	4	6	11	1	..	..	3	1	2	8	5	60

WEST DERBY UNION WORKHOUSE HOSPITAL (MILL ROAD).

OCCUPATIONS.	Wards.			Residences outside the Borough.	Residences Unknown.	Total.
	Everton.	Kirkdale.	West Derby.			
Labourers	8	4	2	7	..	21
Tradesmen	..	..	..	2	..	2
Professions and Mercantile	1	..	..	..	..	1
Seamen	..	..	..	..	1	1
Servants	1	1	..	..	..	2
Nurses	1	..	1	..	..	2
Males	7	3	2	8	1	21
Females	4	2	1	1	..	8
Total	11	5	3	9	1	29

EVERTON HOSPITAL (NETHERFIELD ROAD).

OCCUPATIONS.	Wards.			Total.
	St. Anne's	Everton.	Kirkdale.	
Tradesmen	1	..	..	1
Servants	..	1	..	1
Unknown	..	..	1	1
Males	1	..	1	2
Females	..	1	..	1
Total	1	1	1	3

Occupations of Persons who (either themselves or members of their family) have died from Fever in the different Wards of the Borough during the Year 1879. (Not included in the foregoing Tables of Deaths in Workhouses and Hospitals.)

OCCUPATIONS.	Wards.																	Total.
	Scotland.	Vauxhall	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Everton.	Kirkdale.	West Derby.	North Toxteth.	South Toxteth.	
Labourers	18	3	1	..	4	..	..	..	1	..	..	1	13	12	7	2	3	65
Tradesmen	9	2	1	1	5	3	..	1	1	..	..	1	14	9	6	3	7	63
Seamen	4	..	..	..	..	..	..	..	1	..	..	..	4	5	..	2	1	17
Professions and Mercantile	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	3	1	10
Unknown	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Males	17	2	..	1	4	..	..	..	1	..	..	..	18	11	6	5	4	69
Females	14	3	2	..	5	3	..	1	2	..	1	2	17	17	7	5	8	87
Total	31	5	2	1	9	3	..	1	3	..	1	2	35	28	13	10	12	156

TOXTETH WORKHOUSE.

Not included in the Mortality of the Borough, being beyond the Municipal Boundaries.

OCCUPATIONS.	Wards.		Total.
	North Toxteth.	South Toxteth.	
Labourers	2	3	5
Tradesmen	1	2	3
Seamen	..	1	1
Unknown	..	1	1
Males	2	5	7
Females	1	2	3
Total	3	7	10

SCARLATINA.

Scarlatina accounted during the year for 734 deaths, or for 289 in the Parish, and 445 in the Out-townships. (The average number of deaths for the preceding ten years was 718). The rate of its mortality was equal to 1·4 per 1,000 of the estimated population. Its rate relatively to deaths

from all causes was 4·5 per cent. in the first quarter, 4·5 in the second, 5·0 in the third, and 6·1 in the fourth quarter of the year; its annual rate relatively to all deaths was 5·1 per cent., and relatively to deaths from zymotic causes 29·5 per cent.

The first of the following tables gives a statistical history of the mortality of Scarlatina during the year 1879; the second is a record of the streets of the Borough wherein 3 or more deaths occurred from that disease.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	15	7	3	6	7	10	23	12	48	35	83
	Above 5 years	2	2	4	4	5	3	11	9	22	18	40
Vauxhall	Below 5 years	1	1	..	1	1	1	5	..	7	3	10
	Above 5 years	1	..	..	..	1	..	..	1	2	1	3
St. Paul's	Below 5 years	2	1	2	1	..	..	3	1	7	3	10
	Above 5 years	..	..	1	..	..	..	..	..	1	..	1
Exchange	Below 5 years	..	..	1	..	1	..	..	2	2	2	4
	Above 5 years	..	..	1	..	1	1	..	..	2	1	3
St. Anne's	Below 5 years	4	4	3	2	5	4	2	1	14	11	25
	Above 5 years	3	3	..	..	3	2	1	1	7	6	13
Lime Street	Below 5 years	..	..	2	2	1	1	1	3	4	6	10
	Above 5 years	..	..	..	..	..	1	1	1	1	2	3
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	1	1	..	..	..	1	1	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	1	..	2	4	..	..	..	..	3	4	7
	Above 5 years	2	..	2	..	..	1	..	..	4	1	5
Great George	Below 5 years	1	4	..	1	..	1	..	..	1	6	7
	Above 5 years	1	..	1	..	..	1	..	..	2	1	3
Rodney Street	Below 5 years	1	1	..	1	..	..	1	1	2	3	5
	Above 5 years	3	..	2	..	..	..	..	1	5	1	6
Abercromby	Below 5 years	2	..	..	..	2	..	3	2	7	2	9
	Above 5 years	..	..	1	2	1	2	..	1	2	5	7
Parish Workhouse and Hospitals	Below 5 years	3	2	1	1	3	2	8	2	15	7	22
	Above 5 years	1	2	2	1	1	..	2	2	6	5	11
Out-Township Workhouse and Hospitals.	Below 5 years	..	..	..	1	..	..	..	1	..	2	2
	Above 5 years	1	..	1	..	3	1	2	2	7	3	10
Everton	Below 5 years	13	15	12	4	8	10	23	17	56	46	102
	Above 5 years	7	3	2	9	5	4	10	3	24	19	43
Kirkdale	Below 5 years	6	5	9	9	7	3	8	7	30	24	54
	Above 5 years	5	4	6	2	1	1	3	3	15	10	25
West Derby	Below 5 years	7	7	3	5	6	11	14	8	30	31	61
	Above 5 years	5	8	2	1	4	2	7	7	18	18	36
North Toxteth	Below 5 years	11	8	3	5	4	..	7	3	25	16	41
	Above 5 years	2	3	2	2	..	3	4	3	8	11	19
South Toxteth	Below 5 years	7	7	6	1	1	6	7	4	21	18	39
	Above 5 years	3	1	3	..	1	..	..	5	7	6	13
Parish	Below 5 years	30	20	14	20	21	19	46	24	111	83	194
	Above 5 years	13	7	14	7	12	11	15	16	54	41	95
Out-Townships	Below 5 years	44	42	33	25	26	30	59	40	162	137	299
	Above 5 years	23	19	16	14	14	11	26	23	79	67	146
Borough	Below 5 years	74	62	47	45	47	49	105	64	273	220	493
	Above 5 years	36	26	30	21	26	22	41	39	133	108	241

List of Streets in the Borough wherein Three or more Deaths from Scarlatina occurred in 1879.

Streets in the Parish.	Houses.		Total.	Streets in the Out-Townships.	Houses.		Total.
	Front.	Court.			Front	Court.	
Addison	3	...	3	Arkwright	6	3	9
Ashfield	1	4	5	Arlington	5	..	5
Back Portland	3	...	3	Bengel	3	..	3
Blenheim	2	2	4	Buckingham	3	..	3
Bond	1	2	3	Cardwell	3	..	3
Bostock	3	...	3	China	4	..	4
Burlington	3	4	7	Cottenham	3	..	3
Cazneau	2	3	5	Deane Road	4	..	4
Christian	3	2	5	Devonshire Place	..	3	3
Circus	2	1	3	Edgeware	4	..	4
Clare	1	2	3	Edinburgh	4	..	4
Clayton	3	...	3	Elcho	4	..	4
Comus	...	3	3	Elias	4	..	4
Cranmer	1	2	3	Gordon	4	..	4
Dalrymple	3	...	3	Grafton	2	2	4
Eldon	3	3	6	Great Mersey	5	..	5
Gascoyne	2	2	4	Haddon	5	..	5
Great Nelson	4	...	4	Heyworth	3	..	3
Hopwood	7	6	13	Horsley	4	..	4
Hornby	4	1	5	Hygeia	..	3	3
Kew	2	1	3	Hyslop	3	1	4
Latimer	3	...	3	Lamb	3	..	3
Mulberry	2	1	3	Lovat	4	..	4
Richmond Row	3	1	4	Mann	..	4	4
Roscoe Lane	1	2	3	Miles	2	1	3
Sherwood	3	...	3	Miller	3	..	3
Silvester	1	2	3	Minshull	2	2	4
Tatlock	3	1	4	Netherfield Road South	3	..	3
Tenterden	4	...	4	Northbrook	5	..	5
Upper Frederick	5	1	6	Northumberland	5	..	5
Vauxhall Road	7	..	7	Oliver	5	..	5
				Prince Edwin	..	6	6
				Robsart	6	3	9
				Rosalind	3	..	3
				Seacome	4	..	4
				Solon	3	..	3
				Solway	3	..	3
				Summer Gardens	2	1	3
				Upper Beau	3	..	3
				West Derby Road	3	..	3

MEASLES

Occasioned 455 deaths, of which 167 occurred in the Parish, and 288 in the Out-Townships. (The average number of deaths for the preceding ten years was 403.) Its percentage death-rate relatively to deaths from all causes was 0·2 in the first quarter of the year, 0·9 in the second, 3·3 in the third, and 7·9 in the fourth. Its annual percentage rate relatively to deaths from all causes was 3·1, and relatively to deaths from Zymotic causes 18·3.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	..	2	5	9	20	14	8	14	33	39	72
	Above 5 years	..	..	..	1	..	2	..	..	..	3	3
Vauxhall	Below 5 years	2	1	..	..	..	..	3	1	5	2	7
	Above 5 years	..	..	..	..	..	..	1	1	1	1	2
St. Paul's	Below 5 years	..	..	..	..	..	1	1	1	1	2	3
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years	..	..	..	..	..	1	2	2	2	3	5
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years	..	..	..	..	5	2	8	10	13	12	25
	Above 5 years	..	..	..	.	..	..	..	..	..	..	..
Lime Street	Below 5 years	1	..	..	..	..	..	2	3	3	3	6
	Above 5 years	..	..	..	..	1	..	..	..	1	..	1
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	..	1	..	..	..	..	2	3	2	4	6
	Above 5 years	..	..	..	..	..	..	1	..	1	..	1
Great George	Below 5 years	..	..	..	1	..	..	5	5	5	6	11
	Above 5 years	..	..	..	..	..	..	1	1	1	1	2
Rodney Street	Below 5 years	..	..	..	..	..	..	1	1	1	1	2
	Above 5 years	..	..	..	..	..	..	..	1	..	1	1
Abercromby	Below 5 years	..	..	.	..	..	..	1	3	1	3	4
	Above 5 years	..	..	..	..	..	..	1	1	1	1	2
Parish Workhouse and Hospitals	Below 5 years	..	..	..	..	3	3	6	1	9	4	13
	Above 5 years	..	..	..	..	..	..	1	..	1	..	1
Out-Township Workhouse and Hospitals	Below 5 years	..	1	..	..	1	..	..	..	1	1	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Everton	Below 5 years	1	..	1	..	13	15	32	49	47	64	111
	Above 5 years	..	1	..	..	1	..	5	5	6	6	12
Kirkdale	Below 5 years	..	..	5	5	8	3	4	13	17	21	38
	Above 5 years	..	..	..	..	1	.	..	1	1	1	2
West Derby	Below 5 years	..	..	..	..	..	..	10	11	10	11	21
	Above 5 years	..	..	..	..	..	..	3	3	3	3	6
North Toxteth	Below 5 years	..	..	1	..	..	1	23	23	24	24	48
	Above 5 years	..	..	..	..	..	..	3	1	3	1	4
South Toxteth	Below 5 years	..	..	..	..	..	..	21	19	21	19	40
	Above 5 years	.	..	1	..	..	..	1	2	2	2	4
Parish	Below 5 years	3	4	5	10	28	21	39	44	75	79	154
	Above 5 years	..	..	..	1	1	2	5	4	6	7	13
Out-Townships	Below 5 years	1	1	7	5	22	19	90	115	120	140	260
	Above 5 years	..	1	1	..	2	..	12	12	15	13	28
Borough	Below 5 years	4	5	12	15	50	40	129	159	195	219	414
	Above 5 years	..	1	1	1	3	2	17	16	21	20	41

DIARRHŒA

Accounted for 402 deaths, or for 203 in the Parish, and 199 in the Out-townships. (The average number of deaths for the preceding ten years was 918). Its percentage death-rate relatively to deaths from all causes was 1·0 in the first quarter of the year, 1·7 in the second, 7·4 in the third, and 2·2 in the fourth quarter. Its annual percentage rate relatively to deaths from all causes was 2·8, and relatively to deaths from Zymotic causes 16·1.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	3	3	5	2	20	22	5	6	33	33	66
	Above 5 years	..	2	1	1	2	1	..	2	3	6	9
Vauxhall	Below 5 years	..	..	1	..	1	4	2	2	4	6	10
	Above 5 years	..	1	..	..	..	..	..	1	..	2	2
St. Paul's	Below 5 years	..	..	2	2	3	2	..	..	5	4	9
	Above 5 years	..	..	..	..	..	1	1	..	1	1	2
Exchange	Below 5 years	1	..	2	..	3	1	2	..	8	1	9
	Above 5 years	..	..	..	1	1	..	..	1	1	2	3
St. Anne's	Below 5 years	..	1	..	..	15	3	4	3	19	7	26
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Lime Street	Below 5 years	..	..	1	..	..	3	..	1	1	4	5
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	1	1	..	..	..	2	..	..	1	3	4
	Above 5 years	..	..	..	1	..	..	..	..	..	1	1
Pitt Street	Below 5 years	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years	1	1	1	..	5	2	..	..	7	3	10
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years	..	..	1	1	..	3	1	3	2	7	9
	Above 5 years	..	..	..	..	..	1	1	..	1	1	2
Abercromby	Below 5 years	2	..	..	..	1	1	3	..	6	1	7
	Above 5 years	..	1	..	..	..	..	..	..	..	1	1
Parish Workhouse and Hospitals	Below 5 years	..	1	..	..	..	3	1	1	1	5	6
	Above 5 years	5	4	2	1	5	4	..	..	12	9	21
Out-Township Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	1	..	..	..	..	..	1	..	1
Everton	Below 5 years	4	2	2	8	10	18	8	8	24	36	60
	Above 5 years	..	1	1	..	..	3	..	1	1	5	6
Kirkdale	Below 5 years	3	1	1	3	9	8	4	4	17	16	33
	Above 5 years	..	..	..	..	..	1	..	1	..	2	2
West Derby	Below 5 years	1	1	..	2	5	6	4	3	10	12	22
	Above 5 years	..	..	..	1	..	..	1	..	1	1	2
North Toxteth	Below 5 years	1	1	4	1	10	5	2	5	17	12	29
	Above 5 years	..	..	..	..	1	..	..	..	1	..	1
South Toxteth	Below 5 years	2	1	1	2	12	13	5	3	20	19	39
	Above 5 years	..	..	..	1	2	1	..	..	2	2	4
Parish	Below 5 years	8	7	13	5	48	47	18	16	87	75	162
	Above 5 years	5	8	3	4	8	7	2	4	18	23	41
Out-Townships	Below 5 years	11	6	8	16	46	50	23	23	88	95	183
	Above 5 years	..	1	2	2	3	5	1	2	6	10	16
Borough	Below 5 years	19	13	21	21	94	97	41	39	175	170	345
	Above 5 years	5	9	5	6	11	12	3	6	24	33	57

List of Streets in the Borough wherein Three or more Deaths from Diarrhœa occurred during the Year 1879.

Streets in the Parish.	Houses.		Total.	Streets in the Out-Townships.	Houses.		Total.
	Front.	Court.			Front.	Court.	
Bridgewater	3	..	3	Beaufort	6	..	6
Great Homer	..	3	3	Salisbury	1	2	3
Hornby	2	1	3	Wolfe	4	..	4
Kew	3	..	3				
Limekiln Lane	..	4	4				
Oriel	..	3	3				
Upper Frederick	1	2	3				

DIARRHŒA IN DATES OF DEATH, 1879.

Date. June.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	1	29·540	48·4	..	..	445	W
2	..	29·597	50·8	..	..	317	W
3	1	29·610	51·1	..	..	402	W
4	..	29·845	50·2	..	..	437	W
5	..	29·828	58·3	0·004	0·2	217	ESE
6	1	29·708	53·8	0·026	1·2	366	E
7	..	29·643	55·3	0·912	7·6	433	E
8	1	29·486	59·9	0·041	0·8	311	SE
9	..	29·645	57·6	0·245	3·0	289	SE & Var.
10	..	29·968	56·8	0·002	0·2	189	S W & Var.
11	2	29·958	52·6	0·900	9·8	335	ESE
12	2	29·910	58·1	0·145	3·4	259	SE & Var.
13	1	30·088	57·7	..	..	123	W
14	..	30·027	61·8	..	..	328	SE
15	1	29·825	58·1	..	..	163	NW & S
16	..	29·542	58·6	0·323	5·4	329	ENE
17	..	29·493	54·8	0·076	0·9	295	W
18	1	29·781	55·3	..	..	395	W
19	1	29·759	61·0	0·060	1·9	393	SE
20	..	29·686	58·9	0·105	3·1	447	SW
21	1	29·542	59·2	0·080	1·6	470	SE & S
22	..	29·693	55·0	..	..	703	W & SW
23	..	29·739	55·2	0·137	4·6	289	SSW
24	2	29·509	54·6	0·026	0·2	367	W & SW
25	1	29·550	54·8	0·010	1·0	347	W & SW
26	..	29·590	55·9	0·115	2·4	476	SW & SE
27	..	29·613	60·0	0·128	1·1	437	SE & SSW
28	3	29·655	59·3	..	..	596	SSW
29	1	29·827	58·0	..	..	480	SSW
30	1	29·895	57·9	0·180	5·6	424	SW

DIARRHŒA IN DATES OF DEATH, 1879.

Date. July.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	1	29·266	54·2	0·290	4·6	697	SW & SE
2	..	29·334	54·6	0·014	0·5	867	SW & W
3	..	29·414	55·4	0·002	0·1	441	SW & W
4	..	29·582	54·3	0·062	1·0	830	W
5	..	29·815	53·6	..	..	842	W
6	..	29·864	55·8	0·320	8·2	298	W
7	..	29·593	56·7	0·058	2·2	622	SW
8	..	29·261	55·4	0·109	3·7	753	SW
9	..	29·405	54·1	..	..	1006	W
10	..	29·808	53·6	..	..	683	WNW
11	1	29·938	55·3	..	..	419	WNW
12	2	29·703	56·4	0·080	1·6	255	E & SE
13	..	29·473	56·6	0·203	5·9	252	NNE & Var.
14	1	29·563	57·6	0·014	0·4	261	NW & Var.
15	..	29·830	56·1	..	..	175	NNE & Var.
16	..	29·852	57·7	0·016	0·7	402	E
17	1	29·875	60·9	0·020	1·5	279	E
18	..	30·004	63·3	0·066	1·6	256	SE
19	1	29·892	58·7	0·424	8·4	229	SSE & Var.
20	1	29·358	57·1	0·271	6·8	646	SE & W
21	..	29·477	56·3	0·258	5·5	888	WNW
22	..	29·758	54·6	0·020	0·7	554	NW
23	..	30·019	55·1	0·056	1·1	397	W
24	..	30·022	57·4	..	..	445	W
25	..	30·046	57·8	0·251	2·8	315	WSW
26	..	29·952	56·5	0·003	0·2	129	WSW
27	1	30·014	61·0	0·023	0·9	260	WSW
28	..	30·035	64·7	..	..	469	SSW
29	1	29·971	64·9	0·010	0·3	260	SE & S
30	..	29·917	58·4	0·141	4·7	177	WNW
31	..	29·800	60·4	0·210	3·2	282	SE & S

DIARRHŒA IN DATES OF DEATH, 1879.

Date. August.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	1	29·878	57·0	..	..	496	W
2	2	30·138	57·4	0·175	4·4	242	W & Var.
3	3	29·896	60·7	0·047	0·3	392	ESE
4	1	29·883	60·1	0·136	3·9	355	W & Var.
5	4	29·720	55·8	1·168	15·8	360	SSE
6	3	29·594	52·7	0·140	3·5	916	W
7	2	29·767	55·3	0·020	0·5	682	W
8	1	29·843	56·1	..	..	225	WNW
9	5	29·930	55·2	..	..	506	WNW
10	3	29·994	61·9	..	..	214	SE & Var.
11	1	29·950	67·1	..	..	349	ESE
12	3	29·858	66·9	0·017	0·7	508	ESE
13	5	29·780	59·2	0·132	4·2	372	SE & Var.
14	5	30·035	59·3	..	..	212	WNW
15	2	29·922	62·3	0·030	0·3	196	SE & Var.
16	1	29·626	58·9	1·340	13·5	185	ESE & Var.
17	2	29·469	55·1	1·212	6·7	589	WNW
18	..	29·633	56·8	..	..	364	WNW
19	7	29·735	60·8	0·010	0·6	218	SSE
20	1	29·582	61·1	0·003	0·1	302	SE & Var.
21	2	29·584	55·9	0·390	3·3	258	SSE
22	2	29·532	56·9	0·019	0·5	570	SSW
23	6	29·778	59·4	..	..	230	SW & W
24	7	29·908	62·4	0·005	0·2	163	W & Var.
25	3	29·605	56·2	0·170	1·8	627	SSW
26	3	29·532	56·4	0·310	4·8	722	WSW
27	4	29·415	57·8	0·650	5·7	452	SW & SE
28	6	29·303	58·4	0·002	0·3	720	S
29	5	29·570	54·4	0·090	0·7	711	WSW
30	7	29·840	54·7	0·154	2·4	364	SW
31	3	30·021	52·8	..	..	551	W

DIARRHŒA IN DATES OF DEATH, 1879.

Date. Sept.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	8	30·387	54·2	0·004	0·5	276	SW & W
2	5	30·292	57·3	..	..	476	SW
3	1	30·078	59·6	0·038	1·1	430	SW
4	5	30·106	56·0	0·105	3·1	182	NW & N
5	4	29·994	60·0	0·010	0·8	361	ESE
6	6	29·725	61·0	..	..	364	ESE
7	4	29·449	57·0	0·642	5·0	471	SE
8	7	29·452	56·7	0·484	9·7	476	SSE
9	3	29·427	55·1	0·031	0·8	767	W & Var.
10	1	29·933	55·2	..	..	582	W
11	3	29·817	56·2	0·645	11·6	329	S
12	7	29·520	58·0	0·009	0·3	311	WSW
13	4	29·675	53·5	..	..	165	NW & Var.
14	3	29·846	56·3	..	..	278	WNW
15	4	29·987	56·2	..	..	137	WSW
16	3	30·028	55·8	..	..	135	NE & E
17	5	29·982	58·4	0·010	0·4	200	SE
18	5	29·973	60·1	..	..	133	SE & NW
19	3	30·133	54·3	..	..	272	WNW
20	3	30·016	56·4	..	..	475	WSW
21	3	29·894	52·5	0·215	5·0	446	WSW
22	1	29·788	52·4	0·130	2·7	606	W
23	1	29·406	50·9	0·008	0·2	468	WSW
24	2	29·536	48·0	0·187	2·1	167	S & Var.
25	2	29·999	52·9	..	..	533	WSW
26	5	30·207	50·1	0·120	2·1	328	WSW & S
27	4	30·232	53·2	0·005	0·3	268	SE & S
28	2	29·969	52·6	0·230	5·7	333	NW & S
29	2	30·134	47·2	..	..	185	NW & Var.
30	..	30·084	50·8	0·210	5·3	339	SE

DIARRHŒA IN DATES OF DEATH, 1879.

Date. October	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	..	29·704	51·7	0·090	2·2	412	W & SE
2	1	29·798	49·2	0·085	1·2	446	SSW & W
3	2	29·976	54·3	0·081	2·6	629	SW & W
4	2	30·167	51·9	..	..	534	SW & W
5	2	30·255	54·3	..	..	276	SE
6	4	30·345	52·8	0·011	0·7	304	SE
7	2	30·415	52·1	0·008	0·2	318	SE & E
8	3	30·512	49·2	..	..	241	SE & E
9	..	30·509	47·9	..	..	200	SE & NW
10	1	30·471	50·5	..	..	142	NNW & Var.
11	3	30·519	50·8	..	..	92	WNW
12	..	30·528	50·7	..	..	106	WSW
13	2	30·402	50·4	..	..	366	WSW
14	1	30·186	45·8	0·013	0·8	562	W
15	3	30·268	40·9	..	..	286	NNE
16	1	30·240	47·0	0·010	0·3	175	NE & Var.
17	1	29·830	48·6	0·013	0·2	903	WNW
18	1	29·875	52·3	0·160	3·7	249	NNW & Var.
19	2	29·431	50·8	0·063	1·5	820	WSW
20	3	29·371	47·2	0·120	1·7	964	WNW
21	..	29·861	49·1	0·161	4·4	462	WNW
22	..	29·920	52·5	0·010	1·0	413	W
23	1	29·963	56·4	..	..	255	W
24	..	29·718	49·7	0·242	7·4	336	WSW
25	..	29·728	44·0	0·088	1·3	272	W
26	1	30·023	47·4	..	..	405	E
27	2	30·197	48·5	..	..	482	ENE
28	..	30·290	44·9	..	..	283	ESE
29	3	30·288	43·8	..	..	207	ENE & N
30	..	30·331	46·0	..	..	407	ENE
31	1	30·281	46·2	..	..	215	ENE

WHOOPING COUGH

Occasioned 234 deaths, or 78 in the Parish and 156 in the Out-Townships. (The average number of deaths for the preceding ten years was 457). Its percentage death-rate relatively to deaths from all causes was 2·4 in the first quarter of the year, 1·7 in the second, 0·8 in the third, and 1·3 in the fourth; its percentage rate relatively to deaths from all causes was 1·6, and relatively to deaths from Zymotic causes 9·4.

DEATHS FROM WHOOPING COUGH.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	4	6	2	4	..	1	..	1	6	12	18
	Above 5 years	..	1	..	..	..	1	1	..	1	2	3
Vauxhall	Below 5 years	1	4	..	2	..	..	..	1	1	7	8
	Above 5 years	..	1	..	..	..	..	..	..	..	1	1
St. Paul's	Below 5 years	..	..	..	..	..	..	..	1	..	1	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	1	..	1	1
St. Anne's	Below 5 years	2	3	2	2	..	..	..	1	4	6	10
	Above 5 years	1	..	..	..	..	..	..	..	1	..	1
Lime Street	Below 5 years	1	1	..	..	..	1	..	1	1	3	4
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	2	..	1	..	..	..	..	1	3	1	4
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	1	1	..	2	..	..	..	1	1	4	5
	Aobve 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years	1	1	..	1	..	..	..	1	1	3	4
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years	..	2	1	2	..	..	1	..	2	4	6
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years	2	1	1	..	..	1	1	1	4	3	7
	Above 5 years	1	1	..	..	..	..	..	..	1	1	2
Parish Workhouse and Hospitals	Below 5 years	1	1	..	..	..	..	..	..	1	1	2
	Above 5 years	..	..	1	..	..	..	..	..	1	..	1
Out-Township Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Everton	Below 5 years	9	12	6	4	1	3	3	3	19	22	41
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Kirkdale	Below 5 years	6	1	1	1	..	1	1	2	8	5	13
	Above 5 years	..	2	..	..	..	..	..	.	..	2	2
West Derby	Below 5 years	7	4	5	5	4	3	3	7	19	19	38
	Above 5 years	1	..	1	1	..	1	..	..	2	2	4
North Toxteth	Below 5 years	5	5	5	3	1	1	7	6	18	15	33
	Above 5 years	1	..	..	..	..	..	..	..	1	..	1
South Toxteth	Below 5 years	5	5	1	1	..	3	3	3	9	12	21
	Above 5 years	1	..	..	..	..	..	1	1	2	1	3
Parish	Below 5 years	15	20	7	13	..	3	2	9	24	45	69
	Above 5 years	2	3	1	..	..	1	1	1	4	5	9
Out-Townships	Below 5 years	32	27	18	14	6	11	17	21	73	73	146
	Above 5 years	3	2	1	1	..	1	1	1	5	5	10
Borough	Below 5 years	47	47	25	27	6	14	19	30	97	118	215
	Above 5 years	5	5	2	1	..	2	2	2	9	10	19

DEATHS FROM CROUP.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years	6	4	1	1	..	4	2	4	9	13	22
	Above 5 years	..	..	..	..	1	..	..	..	1	..	1
Vauxhall	Below 5 years	..	..	1	..	..	..	1	..	2	..	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years	.	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years	..	1	1	..	..	..	..	..	1	1	2
	Above 5 years	..	..	..	..	..	.	..	..	..	..	..
St. Anne's	Below 5 years	..	..	..	..	..	..	..	1	..	1	1
	Above 5 years	1	..	..	..	..	..	..	..	1	..	1
Lime Street	Below 5 years	..	1	..	..	..	..	2	..	2	1	3
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	1	..	..	..	1	..	1	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	..	..	..	..	2	1	..	..	2	1	3
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years	..	..	1	..	..	..	..	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years	..	..	..	..	2	1	1	..	3	1	4
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouse and Hospitals	Below 5 years	1	..	1	..	..	..	..	..	2	..	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Out-Township Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	1	..	1	..	1
Everton	Below 5 years	6	3	2	2	3	3	6	4	17	12	29
	Above 5 years	1	1	..	..	..	..	..	..	1	1	2
Kirkdale	Below 5 years	1	1	1	3	2	1	6	..	10	5	15
	Above 5 years	..	..	..	..	1	..	..	..	1	..	1
West Derby	Below 5 years	2	5	5	3	1	..	2	1	10	9	19
	Above 5 years	..	..	..	..	.	..	..	..	..	..	..
North Toxteth	Below 5 years	2	2	..	3	..	..	1	1	3	6	9
	Above 5 years	..	1	..	1	..	..	..	..	..	2	2
South Toxteth	Below 5 years	1	1	..	1	..	1	3	1	4	4	8
	Above 5 years	..	..	..	..	..	..	..	1	..	1	1
Parish	Below 5 years	8	6	5	2	5	6	7	6	25	20	45
	Above 5 years	1	..	..	..	1	..	..	..	2	..	2
Out-Townships	Below 5 years	12	12	8	12	6	5	18	7	44	36	80
	Above 5 years	1	2	..	1	1	..	1	1	3	4	7
Borough	Below 5 years	20	18	13	14	11	11	25	13	69	56	125
	Above 5 years	2	2	..	1	2	..	1	1	5	4	9

DEATHS FROM DIPHTHERIA.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years	..	..	..	1	..	..	1	1	1	2	3
	Above 5 years	..	..	..	1	..	..	2	..	2	1	3
Vauxhall	Below 5 years	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years	..	..	..	..	..	..	.	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Lime Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	..	..	1	..	..	1	..	..	1	1	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years	1	1	..	..	..	..	..	..	1	1	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years	..	2	..	..	..	..	1	..	1	2	3
	Above 5 years	..	1	1	..	..	..	..	..	1	1	2
Parish Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Out-Township Workhouse and Hospitals.	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Everton	Below 5 years	3	2	2	1	1	..	1	..	7	3	10
	Above 5 years	1	2	..	2	1	1	1	2	3	7	10
Kirkdale	Below 5 years	4	..	2	1	2	1	..	1	8	3	11
	Above 5 years	2	..	1	..	..	1	..	1	3	2	5
West Derby	Below 5 years	..	2	1	..	..	..	1	..	2	2	4
	Above 5 years	..	..	..	..	..	..	1	1	1	1	2
North Toxteth	Below 5 years	..	..	..	..	..	1	1	..	1	1	2
	Above 5 years	1	..	..	..	1	..	..	..	2	..	2
South Toxteth	Below 5 years	..	..	..	..	1	1	..	..	1	1	2
	Above 5 years	..	1	..	..	..	..	..	..	..	1	1
Parish	Below 5 years	1	3	1	1	..	3	3	1	5	8	13
	Above 5 years	..	1	1	1	..	..	2	..	3	2	5
Out-Townships	Below 5 years	7	4	5	2	4	3	3	1	19	10	29
	Above 5 years	4	3	1	2	2	2	2	4	9	11	20
Borough	Below 5 years	8	7	6	3	4	6	6	2	24	18	42
	Above 5 years	4	4	2	3	2	2	4	4	12	13	25

OTHER ZYMOTICS.

Under the term of other Zymotics are included:—Chicken Pox, Cholera, Dysentery, Influenza, Erysipelas, Syphilis, Thrush, Puerperal Fever, Rheumatic Fever, Quinsy, Ague, Mumps, and Purpura.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	2	3	1	2	3	3	4	1	10	9	19
	Above 5 years	..	2	1	..	1	2	..	2	2	6	8
Vauxhall	Below 5 years	..	2	2	..	..	..	1	..	3	2	5
	Above 5 years	..	..	..	..	..	..	..	1	..	1	1
St. Paul's	Below 5 years	..	1	..	..	..	..	1	..	1	1	2
	Above 5 years	..	..	..	..	1	..	1	1	2	1	3
Exchange	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	1	1	..	1	..	2	1	3
St. Anne's	Below 5 years	2	2	..	1	..	1	1	..	3	4	7
	Above 5 years	..	..	..	..	1	1	..	1	1	2	3
Lime Street	Below 5 years	1	..	1	..	..	..	2	..	4	..	4
	Above 5 years	..	..	..	..	..	..	1	1	1	1	2
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	..	..	..	1	..	1	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	..	..	..	1	..	..	..	1	..	2	2
	Above 5 years	..	..	..	..	..	1	1	..	1	1	2
Great George	Below 5 years	..	..	..	..	..	..	..	2	..	2	2
	Above 5 years	..	..	..	..	..	..	..	1	..	1	1
Rodney Street	Below 5 years	..	1	1	..	..	1	..	1	1	3	4
	Above 5 years	..	..	..	..	..	..	1	..	1	..	1
Abercromby	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years	..	..	..	..	..	1	..	1	..	2	2
Parish Workhouse and Hospitals	Below 5 years	3	2	1	5	4	1	2	4	10	12	22
	Above 5 years	1	..	3	3	2	4	2	1	8	8	16
Out-Township Workhouse and Hospitals.	Below 5 years	..	..	..	..	..	..	..	1	..	1	1
	Above 5 years	2	..	1	2	..	..	2	..	5	2	7
Everton	Below 5 years	1	2	1	2	..	2	5	6	7	12	19
	Above 5 years	1	1	1	2	1	1	1	2	4	6	10
Kirkdale	Below 5 years	..	4	2	1	1	..	1	1	4	6	10
	Above 5 years	1	..	..	..	..	1	..	2	1	3	4
West Derby	Below 5 years	..	2	2	..	2	1	1	4	5	7	12
	Above 5 years	..	4	2	..	1	..	3	1	6	5	11
North Toxteth	Below 5 years	..	1	1	1	1	..	3	1	5	3	8
	Above 5 years	..	..	..	1	1	3	1	3	2	7	9
South Toxteth	Below 5 years	..	..	..	1	2	1	1	..	3	2	5
	Above 5 years	..	..	..	..	1	..	..	1	1	1	2
Parish	Below 5 years	8	11	6	9	8	6	11	10	33	36	69
	Above 5 years	1	2	4	4	6	9	7	9	18	24	42
Out-Townships	Below 5 years	1	9	6	5	6	4	11	13	24	31	55
	Above 5 years	4	5	4	5	4	5	7	9	19	24	43
Borough	Below 5 years	9	20	12	14	14	10	22	23	57	67	124
	Above 5 years	5	7	8	9	10	14	14	18	37	48	85

TUBERCULAR DISEASES.

This group of diseases includes Phthisis, Scrofula, Tabes Mesenterica, and Hydrocephalus. They occasioned 1,856 deaths in the Borough of Liverpool during the year 1879, of which 819 occurred in the Parish, and 1,037 in the Out-Townships. (The average number of deaths for the preceding ten years was 2,028). The death-rate was 3·4 per 1,000 of the estimated population; their percentage death-rate relatively to deaths from all causes was 12·8.

PHTHISIS.

The deaths from Phthisis amounted to 1,348, and show a gradual decrease, the average number for the preceding ten years being 1,568.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	..	1	1	..	..	..	..	2	1	3	4
	Above 5 years	20	26	11	13	9	8	14	18	54	65	119
Vauxhall	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	4	3	5	3	4	4	3	6	16	16	32
St. Paul's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	1	7	6	6	3	2	4	3	14	18	32
Exchange	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	2	2	2	3	1	1	2	6	7	13
St. Anne's	Below 5 years	..	..	1	..	..	..	..	..	1	..	1
	Above 5 years	8	2	5	7	7	8	5	1	25	18	43
Lime Street	Below 5 years	..	..	..	1	1	..	..	..	1	1	2
	Above 5 years	4	6	4	..	3	3	2	3	13	12	25
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	1	..	..	..	1	.	1
St. Peter's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	3	..	1	1	2	1	..	2	6	4	10
Pitt Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	6	3	4	3	4	..	..	2	14	8	22
Great George	Below 5 years	..	..	..	1	..	..	..	..	..	1	1
	Above 5 years	5	4	3	3	4	..	1	2	13	9	22
Rodney Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	4	4	3	6	4	1	4	3	15	14	29
Abercromby	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years	4	7	10	5	5	4	4	6	23	22	45
Parish Workhouse and Hospitals	Below 5 years	2	1	..	..	..	1	..	..	2	2	4
	Above 5 years	59	26	40	31	22	23	33	14	154	94	248
Out-Township Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	13	10	8	8	11	6	6	10	38	34	72
Everton	Below 5 years	2	..	2	1	2	..	..	3	6	4	10
	Above 5 years	25	40	23	38	24	29	23	22	95	129	224
Kirkdale	Below 5 years	2	..	1	1	..	..	..	..	3	1	4
	Above 5 years	5	13	11	7	8	5	10	10	34	35	69
West Derby	Below 5 years	..	2	1	1	..	1	2	..	3	4	7
	Above 5 years	23	19	17	16	13	9	19	10	72	54	126
North Toxteth	Below 5 years	1	1	2	..	..	..	..	..	3	1	4
	Above 5 years	14	17	11	17	11	14	12	20	48	68	116
South Toxteth	Below 5 years	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years	6	10	10	5	10	7	4	9	30	31	61
Parish	Below 5 years	2	2	2	2	2	1	..	2	6	7	13
	Above 5 years	118	90	94	80	71	55	71	62	354	287	641
Out-Townships	Below 5 years	6	3	6	3	2	1	2	3	16	10	26
	Above 5 years	86	109	80	91	77	70	74	81	317	351	668
Borough	Below 5 years	8	5	8	5	4	2	2	5	22	17	39
	Above 5 years	204	199	174	171	148	125	145	143	671	638	1309

DEATHS FROM THE OTHER TUBERCULAR DISEASES.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years	6	6	5	5	10	6	14	5	35	22	57
	Above 5 years	3	3	1	2	..	2	2	..	6	7	13
Vauxhall	Below 5 years	..	1	1	1	..	1	1	1	2	4	6
	Above 5 years	..	..	..	..	1	..	..	..	1	..	1
St. Paul's	Below 5 years	2	..	2	..	1	..	2	..	7	..	7
	Above 5 years	..	..	1	..	..	..	1	..	2	..	2
Exchange	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years	1	..	1	2	..	2	1	1	3	5	8
	Above 5 years	1	..	1	..	..	1	..	..	2	1	3
Lime Street	Below 5 years	2	1	1	1	1	2	2	..	6	4	10
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	1	..	..	..	..	..	..	..	1	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	1	2	1	..	1	..	..	1	3	3	6
	Above 5 years	..	..	..	..	..	1	..	2	..	3	3
Great George	Below 5 years	2	..	1	1	1	1	..	..	4	2	6
	Above 5 years	..	..	1	1	..	1	1	1	2	3	5
Rodney Street	Below 5 years	2	..	2	..	..	..	4	1	8	1	9
	Above 5 years	1	..	1	..	..	..	..	..	2	..	2
Abercromby	Below 5 years	2	..	..	1	2	1	4	..	8	2	10
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouse and Hospitals	Below 5 years	1	2	..	..	..	1	..	1	1	4	5
	Above 5 years	..	2	3	..	3	..	1	1	7	3	10
Out-Township Workhouse and Hospitals.	Below 5 years	..	..	..	..	1	..	1	..	2	..	2
	Above 5 years	..	..	1	..	..	..	..	2	1	2	3
Everton	Below 5 years	17	10	20	12	19	12	24	17	80	51	131
	Above 5 years	4	2	4	3	4	1	2	1	14	7	21
Kirkdale	Below 5 years	6	8	5	10	4	2	7	5	22	25	47
	Above 5 years	1	..	1	2	1	..	..	..	3	2	5
West Derby	Below 5 years	8	3	8	2	9	10	7	2	32	17	49
	Above 5 years	1	1	3	1	2	..	2	2	8	4	12
North Toxteth	Below 5 years	6	2	5	4	7	..	6	5	24	11	35
	Above 5 years	..	1	..	1	1	1	..	..	1	3	4
South Toxteth	Below 5 years	4	4	5	2	3	..	4	3	16	9	25
	Above 5 years	1	..	..	1	4	..	2	1	7	2	9
Parish	Below 5 years	20	13	14	11	16	14	28	10	78	48	126
	Above 5 years	5	5	8	3	4	5	5	4	22	17	39
Out-Townships	Below 5 years	41	27	43	30	43	24	49	32	176	113	289
	Above 5 years	7	4	9	8	12	2	6	6	34	20	54
Borough	Below 5 years	61	40	57	41	59	38	77	42	254	161	415
	Above 5 years	12	9	17	11	16	7	11	10	56	37	93

Mr. Hartnup has kindly supplied the following Meteorological Table:—

LIVERPOOL OBSERVATORY.

DATE—1879.	Mean Barometer.	Mean Temperature.	Rainfall on Ground.
	Inches.	o	Inches.
January	30·032	31·5	1·596
February	29·496	37·6	2·642
March	29·949	41·1	1·080
April	29·689	43·2	2·306
May	30·010	49·0	2·258
June	29·385	56·3	3·515
July	29·737	57·1	2·921
August	29·752	58·2	6·211
September	29·902	55·0	3·083
October	30·110	49·3	1·155
November	30·245	41·6	1·413
December	30·254	36·1	1·605

The Select Vestry are kind enough to forward to the Office a daily list of the cases of Fever and Small Pox attended by the Parochial Medical Officers, and a monthly list of the cases of all Zymotic diseases, of Tubercular diseases, and of sickness from other causes, which have occurred in the twelve districts of the Parish.

The daily list enables the Health Committee to take action for the purification of the houses, and I am able from the other to classify the districts and streets in which sickness has prevailed.

The following are the streets within the Parish of Liverpool in which three or more cases of Fever, or two or more of Scarlatina have occurred during the year :—

STREETS.	Zymotic Diseases, including Fever and Scarlatina.	Fever.	Scarlatina.	Tubercular Diseases, including Phthisis.	Phthisis	Other Diseases.
Addison	31	21	7	5	5	201
Almond	3	..	3	..	..	40
Arley	4	..	3	2	2	51
Back Bond	3	..	3	..	..	13
Baptist	5	5	..	1	1	32
Bayhorse Lane	4	4	..	2	1	48
Beau	13	8	..	1	1	120
Ben Jonson	7	6	..	..	..	80
Bittern	3	..	3	..	..	9
Blandford	12	11	..	20	16	190
Blenheim	5	..	2	5	5	174
Bond	4	..	2	3	3	63
Brick	6	3	..	10	3	197
Bridgewater	3	..	3	9	8	72
Brownlow	4	3	..	..	..	17
Brownlow Hill (Vagrant sheds included)	40	18	4	11	9	428
Burlington	6	..	2	4	4	144
Canning Place (Sailors' Home included)	5	4	..	1	1	42
Christian	4	..	3	4	4	104
Cranmer	3	..	3	..	..	19
Denison	3	3	..	1	1	22
Dryden	15	7	..	19	18	127
Duckinfield	10	..	5	4	4	169
Epsom	4	3	..	..	..	110
Ford	9	8	..	4	4	121
Gerard	6	..	3	3	3	76
Gildarts Gardens	4	4	..	6	6	72
Great Nelson	3	..	3	..	..	..

STREETS.	Zymotic Diseases, including Fever and Scarlatina.	Fever.	Scarlatina.	Tubercular Diseases, including Phthisis.	Phthisis	Other Diseases.
Harrison	9	8	..	2	2	42
Henry Edward	5	3	..	13	13	120
Holly	9	9	..	3	3	61
Hopwood	2	..	2	2	2	112
Hornby	17	10	6	5	5	383
Johnson	4	..	3	4	4	53
Jordan	10	8	..	7	3	101
Kew	6	..	2	1	1	134
Lace	6	6	..	2	1	123
Lionel	5	5	..	4	4	65
Maguire	4	3	..	1	1	100
Menai	3	3	..	..	..	8
Midghall	7	6	..	7	7	121
Milton	8	5	..	5	4	172
Pall Mall	6	6	..	..	..	44
Paradise	4	4	..	..	..	2
Paul	4	3	..	5	4	79
Penrhyn	9	4	4	1	1	87
Portland	5	3	..	5	5	121
Rachel	25	22	..	5	5	70
Rathbone	12	11	..	9	4	39
Raymond	5	4	..	2	1	124
Richmond Row	12	7	5	7	7	118
Roscoe Lane	6	3	..	..	..	41
Rose Place	6	5	..	7	7	93
Saint Andrew	12	11	..	1	1	144
Sawneypope	6	4	..	20	20	149
Stockdale	5	3	..	12	12	89
Tatlock	14	8	2	1	1	118
Tenterden	4	3	..	10	2	83
Thurlow	5	5	..	2	2	51
Tindall	5	4	..	1	..	42
Trueman	6	6	..	2	2	79
Turner	2	..	2	1	1	10
Upper Frederick	3	3	..	7	7	255
Upper Milk	7	7	..	..	..	45
Walnut	13	12	..	..	..	20

Mr. Hagger, the Vestry Clerk, has kindly supplied the following Tables:—

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

1879. Week Ending	SCARLATINA.					SMALL POX.					TYPHOID.				
	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.
Jan. 4	8	3	1	1	9	..	..	..	..	..	2	4	2	..	4
,, 11	9	1	..	..	10	..	..	..	..	..	4	13	3	..	14
,, 18	10	1	1	..	10	..	..	..	..	..	14	5	2	..	17
,, 25	10	..	..	..	10	..	..	..	..	..	17	2	2	1	16
Feb. 1	10	1	5	1	5	..	..	..	..	..	16	9	2	..	23
,, 8	5	3	..	..	8	..	..	..	..	..	23	4	4	2	21
,, 15	8	6	3	..	11	..	..	..	..	..	21	3	8	..	16
,, 22	11	1	1	..	11	..	..	..	..	..	16	1	1	1	15
March 1	11	6	2	..	15	..	..	..	..	..	15	..	6	..	9
,, 8	15	6	1	..	20	..	..	..	..	..	9	1	1	..	9
,, 15	20	3	1	4	18	..	..	..	..	..	9	1	1	..	9
,, 22	18	4	3	1	18	..	..	..	..	..	9	1	1	..	9
,, 29	18	2	2	2	16	..	..	..	..	..	9	..	3	..	6
April 5	16	..	3	..	13	..	..	..	..	..	6	1	..	1	6
,, 12	13	1	4	..	10	..	..	..	..	..	6	4	2	..	8
,, 19	10	2	3	2	7	..	..	..	..	..	8	..	..	..	8
,, 26	7	..	1	..	6	..	..	..	..	..	8	1	..	1	8
May 3	6	..	1	..	5	..	..	..	..	..	8	1	1	..	8
,, 10	5	..	1	..	4	.	..	..	..	..	8	..	1	1	6
,, 17	4	5	1	..	8	..	..	..	..	..	6	1	1	..	6
,, 24	8	4	1	1	10	..	..	..	..	..	6	..	3	..	3
,, 31	10	3	..	1	12	..	.	..	..	..	3	1	2	1	1
June 7	12	1	2	..	11	..	..	..	..	..	1	..	..	..	1
,, 14	11	4	2	..	13	..	..	..	..	..	1	..	..	..	1
,, 21	13	3	..	..	16	..	..	..	.	..	1	..	..	..	1
,, 28	16	4	9	..	11	..	..	..	..	..	1	..	1	..	..
July 5	11	..	2	1	8	..	..	..	..	..	..	..	..	..	..
,, 12	8	..	2	1	5	..	..	..	.	..	..	2	1	..	1
,, 19	5	1	1	2	3	..	..	..	..	..	1	1	..	2	..
,, 26	3	2	..	..	5	..	..	.	..	..	..	2	..	..	2
Aug. 2	5	4	..	..	9	..	..	..	..	..	2	2	1	1	2
,, 9	9	..	..	..	9	..	..	..	..	..	2	..	..	2	..
,, 16	9	1	6	..	4	..	..	..	..	..	..	7	1	..	6
,, 23	4	4	..	1	7	..	..	..	..	..	6	4	..	3	7
,, 30	7	3	..	..	10	..	..	..	..	..	7	..	..	..	7
Sept. 6	10	7	1	..	16	..	2	..	..	2	7	..	..	..	7
,, 13	16	4	5	1	14	2	..	2	..	..	7	..	..	..	7
,, 20	14	5	2	2	15	..	..	..	..	..	7	1	3	..	5
,, 27	15	1	2	2	12	..	..	..	..	..	5	2	2	1	4
Oct. 4	12	9	3	2	16	..	..	..	..	..	4	1	1	1	3
,, 11	16	1	3	1	13	..	..	..	..	..	3	1	1	..	3
,, 18	13	1	3	..	11	..	..	..	..	..	3	5	6	1	1
,, 25	11	5	..	..	16	..	..	..	..	..	1	3	..	..	4
Nov. 1	16	..	..	2	14	..	..	..	..	..	4	1	1	..	4
,, 8	14	2	6	..	10	..	..	..	..	..	4	1	2	..	3
,, 15	10	4	3	1	10	..	..	..	..	..	3	..	1	..	2
,, 22	10	7	1	1	15	..	..	..	..	..	2	..	1	..	1
,, 29	15	5	3	3	14	..	..	..	..	..	1	1	1	..	1
Dec. 6	14	..	1	1	12	..	..	..	..	..	1	1	1	..	1
,, 13	12	5	4	2	11	..	..	..	..	..	1	2	..	1	2
,, 20	11	3	..	..	14	..	..	..	..	..	2	3	..	1	4
,, 27	14	..	2	1	11	..	..	..	..	..	4	1	1	1	3

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

1879. Week Ending	TYPHUS.					SIMPLE CONTINUED.					MEASLES.				
	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.
Jan. 4....	13	11	4	3	17	23	3	12	..	14	..	..	..	..	..
,, 11....	17	7	7	..	17	14	3	14	..	3	..	..	..	..	..
,, 18....	17	8	3	..	22	3	1	2	..	2	..	..	..	..	..
,, 25....	22	3	3	3	19	2	1	1	..	2	..	..	..	..	..
Feb. 1....	19	2	2	..	19	2	5	..	..	7	..	..	..	..	..
,, 8....	19	7	6	1	19	7	..	3	..	4	..	..	..	..	..
,, 15....	19	4	3	1	19	4	8	6	..	6	..	1	..	..	1
,, 22....	19	12	8	4	19	6	1	6	..	1	1	..	..	..	1
March 1....	19	7	5	1	20	1	5	2	1	3	1	..	..	..	1
,, 8....	20	3	1	1	21	3	6	5	..	4	1	..	..	..	1
,, 15....	21	1	2	..	20	4	3	6	..	1	1	..	1	..	..
,, 22....	20	3	6	2	15	1	2	2	..	1	..	..	..	..	..
,, 29....	15	1	2	1	13	1	7	..	..	8	..	..	..	..	..
April 5....	13	1	8	..	6	8	5	1	..	12	..	..	..	..	..
,, 12....	6	1	1	2	4	12	5	6	..	11	..	..	..	..	..
,, 19....	4	3	4	..	3	11	..	6	..	5	..	..	..	..	..
,, 26....	3	1	1	..	3	5	2	1	..	6	..	..	..	..	..
May 3....	3	2	..	..	5	6	4	1	..	9	..	..	..	..	..
,, 10....	5	15	1	1	18	9	4	3	..	10	..	..	..	..	..
,, 17....	18	..	2	2	14	10	7	2	..	15	..	..	..	..	..
,, 24....	14	2	..	3	13	15	2	4	..	13	..	..	..	..	..
,, 31....	13	4	1	1	15	13	6	..	..	19	..	..	..	..	..
June 7....	15	5	7	1	12	19	4	9	..	14	..	..	..	..	..
,, 14....	12	7	2	..	17	14	6	4	1	15	..	..	..	..	..
,, 21....	17	2	5	2	12	15	1	3	1	12	..	..	..	..	..
,, 28....	12	1	4	..	9	12	7	6	..	13	..	..	..	..	..
July 5....	9	1	2	1	7	13	5	6	2	10	..	..	..	..	..
,, 12....	7	1	5	..	3	10	5	3	..	12	..	..	..	..	..
,, 19....	3	6	2	..	7	12	2	3	..	11	..	..	..	..	..
,, 26....	7	2	2	..	7	11	4	1	..	14	..	..	..	..	..
Aug. 2....	7	4	1	..	10	14	3	5	..	12	..	..	..	..	..
,, 9....	10	6	..	..	16	12	3	5	..	10	..	..	..	..	..
,, 16....	16	8	3	..	21	10	5	5	1	9	..	..	..	..	..
,, 23....	21	8	1	2	26	9	9	11	..	7	..	4	..	..	4
,, 30....	26	4	6	2	22	7	5	4	1	7	4	..	1	..	3
Sept. 6....	22	2	3	1	20	7	5	6	1	5	3	..	3	..	..
,, 13....	20	1	8	..	13	5	7	2	2	8	..	..	..	..	..
,, 20....	13	4	3	..	14	8	2	1	..	9	..	..	..	..	..
,, 27....	14	..	3	..	11	9	3	1	..	11	..	1	..	..	1
Oct. 4....	11	1	2	..	10	11	4	2	..	13	1	2	..	..	3
,, 11....	10	3	3	..	10	13	5	..	..	18	3	3	2	..	4
,, 18....	10	2	4	..	8	18	..	1	..	17	4	3	..	..	7
,, 25....	8	4	..	..	12	17	4	7	..	14	7	7	..	..	14
Nov. 1....	12	..	2	1	9	14	3	4	..	13	14	5	..	1	18
,, 8....	9	6	3	..	12	13	1	4	..	10	18	12	13	1	16
,, 15....	12	3	7	..	8	10	3	3	..	10	16	6	5	..	17
,, 22....	8	1	2	3	4	10	3	5	..	8	17	7	13	..	11
,, 29....	4	2	..	..	6	8	5	2	..	11	11	1	4	..	8
Dec. 6....	6	3	2	..	7	11	7	5	..	13	8	2	1	1	8
,, 13....	7	4	1	1	9	13	6	10	..	9	8	6	2	1	11
,, 20....	9	6	2	1	12	9	5	3	..	11	11	6	1	1	15
,, 27....	12	1	1	..	12	11	9	3	..	17	15	9	2	..	22

PARISH OF LIVERPOOL.

Return of Persons in Receipt of Relief in the Year 1879.

Week ending,	Work-house.	Industrial Schools.	Out-Relief.	Week ending.	Work-house.	Industrial Schools.	Out-Relief.
1879.				1879.			
January 4..	2859	988	2682	July 5..	2536	938	2420
,, 11..	2911	1029	2688	,, 12..	2528	939	2470
,, 18..	2874	1031	2820	,, 19..	2519	941	2454
,, 25..	2911	1025	2945	,, 26..	2556	940	2455
February 1..	2923	1011	3024	August 2..	2555	925	2465
,, 8..	2893	1017	3030	,, 9..	2617	923	2425
,, 15..	2882	1019	2995	,, 16..	2644	931	2420
,, 22..	2869	1032	2909	,, 23..	2699	932	2484
March 1..	2849	1015	2782	,, 30..	2743	890	2479
,, 8..	2811	1019	2719	September 6..	2673	886	2475
,, 15..	2776	1007	2639	,, 13..	2664	874	2500
,, 22..	2776	997	2618	,, 20..	2659	872	2541
,, 29..	2765	1010	2512	,, 27..	2681	860	2542
April 5..	2673	1006	2486	October 4..	2683	860	2565
,, 12..	2646	1017	2474	,, 11..	2702	849	2578
,, 19..	2651	1020	2434	,, 18..	2740	856	2593
,, 26..	2651	1027	2476	,, 25..	2826	868	2659
May 3..	2645	1024	2411	November 1..	2823	874	2679
,, 10..	2605	1016	2405	,, 8..	2847	851	2697
,, 17..	2591	1005	2440	,, 15..	2880	851	2681
,, 24..	2609	972	2425	,, 22..	2947	838	2673
,, 31..	2615	990	2407	,, 29..	2985	837	2664
June 7..	2535	999	2391	December 6..	3042	835	2728
,, 14..	2542	986	2413	,, 13..	3050	855	2835
,, 21..	2566	954	2462	,, 20..	3079	854	2868
,, 28..	2543	972	2415	,, 27..	3046	850	2834

These show that the average number of persons suffering from Continued Fever (including therein Typhus, Typhoid, and simple Continued Fever) at one time in Hospital during the year 1879 was 28, and their percentage Death-rate was 13·5. The average number of cases of Measles at one time in Hospital during the year was 3, and the percentage Death-rate was 6·6; the average number of cases of Scarlatina at one time in the Hospital during the year was 11, and the percentage Death-rate was 25·3.

The number of persons in receipt of Parochial Relief on Saturday, 28th of June, 1879, was 5,930, or 470 more than at the corresponding period of 1878; and the number on Saturday, the 27th December, 1879, was 6,730, or 195 more than at the same period of 1878.

SANITARY WORK.

Privies Certified for Conversion into Water Closets during the year 1879.

WARDS.	No. of Privies Certified.
Scotland	556
Vauxhall	12
St. Paul's	13
Exchange	2
St. Anne's	11
Lime Street	7
St. Peter's	1
Great George	5
Rodney Street	3
Abercromby	25
Everton	826
Kirkdale	186
West Derby	42
North Toxteth	221
South Toxteth	205
TOTAL	2115

The Borough Engineer has kindly supplied the following tables:—

The number of Houses Erected; also the number of Houses Taken Down in each of the Sixteen Wards during the year 1879:—

	WARDS.	Houses Erected.	Houses taken down.
1	Everton and Kirkdale	905	1
2	Scotland	4	7
3	Vauxhall	....	52
4	St. Paul's	....	....
5	Exchange	1	21
6	Castle Street	....	83
7	St. Peter's	....	2
8	Pitt Street	....	....
9	Great George	....	12
10	Rodney Street	....	2
11	Abercromby	4	11
12	Lime Street	....	6
13	St. Anne's	....	....
14	West Derby	581	15
15	North Toxteth	545	....
16	South Toxteth	298	....
	TOTAL	2338	212

SEWER VENTILATION.

Number of Iron Pipe Ventilating Shafts, fitted with Archimedian Extractors.... 1,018

Length of Sewers Ventilated under present system..... 117 Miles

Number of Street Ventilating Gratings fixed 2,539

LODGING-HOUSES.

The Health Committee have, since the passing of the Sanitary Act, 1866, ruled that, as far as possible, all registered lodging-houses should have a day apartment for the accommodation of their lodgers, and that all houses where single rooms were occupied by day and night should be registered as sub-let. The space required for a night lodger in a registered lodging-house is 300 cubical feet, while the space in a sub-let house for each adult is 350 feet.

There were on the register 1,095 lodging-houses at the end of 1878, and 1,064 at the end of 1879. This difference was occasioned by the removal of 301 old licenses, and the addition of 270 new ones. The visits to lodging-houses are both by day and night. The lodging-houses of the better class, and especially those provided only with single beds for each person, and only with the number of beds equivalent to the number of lodgers allowed, are not visited at night except on grave suspicion or on complaint, or in the case of foreign emigrant lodging-houses. The night visits are pretty nearly restricted to the low districts and tramp houses. The number of day visits paid during the year was 45,329, and the night visits 5,970. The number of lodging-houses found overcrowded on the night visits was 32, the number of informations laid for breaches of the bye-laws was 122, with the results of fines in 116 cases to the extent of £21 16s. 6d., in sums varying from 1s. to 20s. and costs. The number of lodging houses found dirty was 209; notices were served to lime-wash and cleanse.

It is necessary frequently to visit houses which are not licensed either as lodging or sub-let houses, especially when emigration is brisk, or at race times. There were 3,114 such visits paid during the day, and in 97 of the cases where suspicion was confirmed they were followed up by night visits. A tenant harbouring lodgers is not taken before the Justices for the first offence, but is noticed to apply to have his rooms measured and licensed. There were 214 such notices issued during the year, but in only 12 cases did the tenants refuse to comply; they were brought before the Justices and fined. A bye-law requires that every case of infectious sickness in a lodging-house should be at once reported to the Medical Officer of Health. 25 cases of fever and 4 cases of small pox occurred in lodging-houses; in 28 of the cases the patients were at once sent to hospital, the remaining one being a member of the keeper's family, was not removed; this latter patient died. In all cases of fever or infectious disease the bedding was at once removed to the disinfecting apparatus, and the rooms purified and cleansed; in the case where the patient remained, the license to receive lodgers was suspended by the Medical Officer. No

lodger died from fever or small pox in a registered lodging-house; but, not including the case of fever, there were 125 deaths from non-contagious diseases in lodging-houses, of which 79 belonged to the keepers' families and 46 were lodgers.

SUB-LET HOUSES.

The number of sub-let Houses on the Register at the termination of 1878 was 12,294; the number registered during 1879 was 850, making the total on the Register on the 31st December, 13,144. The number of visits paid during the night was 12,825, and during the day 70,676, with the result of finding 1,761 rooms overcrowded. In addition to overcrowding, the offence (though not punishable in sub-let houses) of permitting males and females not married to occupy the same room comes under the notice, and is entered in the books of the Inspectors. There were 1,017 rooms thus indecently occupied by 1,500 males and 1,982 females, besides having also in these rooms 781 children between the ages of 5 and 13 years. The character of the indecent occupation may be judged of from the following facts:—In 439 instances one man and two women were found in the same bedroom; in 237 instances two men and one woman; in 153 instances one man and three women; in 105 instances two men and two women; in thirty-three instances three men and one woman; in fourteen instances two men and three women; in ten instances one man and four women; in four instances two men and four women; in three instances three men and two women; in three instances three men and three women; in three instances three men and four women; in two instances four men and one woman; in two instances four men and four women; in two instances five men and one woman; in one instance one man and six women; in one instance two men and five women; in one instance three men and five women; in one instance four men and two women; in one instance four men and three women; in one instance five men and five women; and in one instance seven men and two women.

Informations were laid against 1,403 chief tenants for permitting overcrowding in rooms, with the following results:—1 was fined 1s; 1,149 fined 1s. and 1s. costs; 4 fined 2s. and 1s. costs; 181 fined 2s. 6d. and 2s. 6d. costs; 37 fined 5s. and 4s. 6d. costs; and 7 fined 10s. and 4s. 6d. costs; making a total of fines levied during the year of £183 9s. Of the remaining 24 cases, 14 informations were withdrawn and 10 acquitted, the tenants having abated the overcrowding.

LICENSES FOR CATTLE.

During the year 1879, 46 applications for licenses to keep 538 cows were made to, and granted by the Health Committee. There are at present 452 shippons licensed to keep 5,235 cows. 110 of the shippons previously licensed have been transferred to fresh tenants.

31 applications were made during the year to keep pigs in styes separate from, and unconnected with shippons; 6 of the applications for keeping 12 pigs were granted. 7 piggeries, licensed to keep 31 pigs, have been given up during the year. 4 piggeries previously licensed have been transferred to fresh tenants. The total number of premises or styes now licensed in the Borough is 164, for keeping 493 pigs.

MORTUARIES.

During the year 66 bodies were, by order of the Justices on the certificate of the Medical Officer, removed to the Mortuaries provided by the Council under section 142 of the Public Health Act, 1875.

CASES OF INFECTIOUS DISEASE REPORTED DURING 1879.

Year—1879.	Small Pox.	Fever.	Scarlatina.	Measles.	Diphtheria	Total.
January	1	103	161	8	7	280
February	1	70	117	5	16	209
March	—	67	148	5	5	225
April	—	55	105	7	8	175
May	—	63	145	13	1	222
June	2	73	110	26	9	220
July	1	58	117	51	1	228
August	—	70	111	81	6	268
September	1	57	196	237	13	504
October	4	72	256	203	8	543
November	—	63	121	243	4	431
December	2	66	142	335	7	552
Total	12	817	1729	1214	85	3857
Removed to Hospital	11	504	171	22	2	710

Of the patients removed to Hospital the following were conveyed by the Sanitary Officers:—232 cases of Fever and Scarlatina, 4 cases of Small Pox, 7 cases of Measles, and 1 case of Diphtheria, making a total of 244 persons. 38 were taken to Netherfield Road Hospital, 159 to the Parish Workhouse Hospital, 2 to Toxteth Workhouse Hospital, and 45 to West Derby Union Hospital.

DISINFECTION OF HOUSES.

In all cases of infectious disease the houses were disinfected, free of cost, with sulphurous gas, by officers appointed by the Health Committee; but whenever there was sickness in any room of the house, so as to endanger health by the use of sulphurous gas, carbolic acid powder was freely sprinkled in the rooms and passages of the house until the sulphurous gas could be used safely. No house is considered properly disinfected until sulphurous gas has been used. The existence of sickness, and the consequent employment of carbolic acid powder, necessitate many visits by the persons in charge of disinfection. There were in all 5,410 visits paid during the year to houses for the purpose of disinfection, the number of houses properly disinfected being 2,170.

THE DISINFECTING APPARATUS.

The number of articles sent to the Disinfecting Apparatus during the year amounted to 35,054.

Date 1879.	Number of Articles Disinfected in the Apparatus		Date 1879.	Number of Articles Disinfected in the Apparatus.	
	Ford Street.	New Bird Street.		Ford Street	New Bird Street.
Week ending			Week ending		
January 4.....	660	762	July 5.....	..	420
11.....	482	523	12.....	..	465
18.....	697	536	19.....	..	347
25.....	614	408	26.....	..	478
February 1.....	463	440	August 2.....	..	357
8.....	391	239	9.....	..	569
15.....	249	417	16.....	..	444
22.....	470	422	23.....	..	692
March 1.....	393	764	30.....	..	539
8.....	321	392	September 6.....	..	257
15.....	389	1249	13.....	..	552
22.....	244	443	20.....	..	613
29.....	185	500	27.....	..	488
Total for.... Quarter	5558	7095	Total for.... Quarter	..	6221
April 5	..	1496	October 4.....	..	681
12	..	753	11.....	..	516
19	..	497	18.....	..	565
26	..	501	25.....	..	716
May 3	..	361	November 1.....	..	744
10	..	359	8.....	..	323
17	..	492	15.....	..	598
24	..	841	22.....	..	427
31	..	616	29.....	..	530
June 7	..	726	December 6.....	..	344
14	..	487	13.....	..	405
21	..	732	20.....	..	809
28	..	591	27.....	..	1070
Total for.... Quarter	..	8452	Total for.... Quarter	..	7728

LIVERPOOL WATER SUPPLY.

By permission of the Water Committee, the following Summary of the Analyses of the Water supplied to Liverpool, during the year 1879, has been kindly supplied by Dr. J. Campbell Brown :—

During the year 1879, the several sources of water supply have been in a satisfactory condition. The average composition of the water is shown in the accompanying table.

When the pumps ceased working in any well, either for repairs or for other reasons, the proportions of dissolved matters, and especially of hardening salts, are very much decreased, but the freedom from organic contamination does not always decrease in like manner.

The Bootle new deep bore has been finished during the year, and probably a number of analyses will be made during the next year. At present the water has not been sufficiently examined to enable me to say more than that, compared with the old-well water, the water pumped from the new bore contains less mineral matter and hardening salts, but contains a considerably higher proportion of chlorides, and is almost absolutely free from organic matter and from oxydised or previous sewage contamination.

TABLE SHOWING THE AVERAGE COMPOSITION OF THE LIVERPOOL WATER SUPPLY DURING THE YEAR 1879, EXPRESSED IN PARTS PER 100,000.

Description.	Total Solid Matters in Solution.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Nitrites and Nitrates.	Total Combined Nitrogen.	Chlorine.	Total Hardness.	Remarks.
Bootle Well	36·5	·104	·029	·003	·397	·428	3·75	24½°	
Windsor Well, while the pumps were working.....	34·0	·161	·063	·005	·368	·435	3·1	25°	
Dudlow Lane Well....	17·4	·165	·065	·005	·487	·555	2·9	7·9°	
Green Lane Well	28·4	·141	·068	·016	·391	·472	3·2	19½°	
Rivington Water, from the Mains at Old Swan	9·	·25	·031	·005	Trace seldom	·035	1·4	3¼°	Slightly peaty.
Kensington Reservoir..	12·5	·195	·045	·008	·075	·126	1·6	6½°	

INSPECTOR OF NUISANCES' REPORT FOR THE YEAR 1879. SLAUGHTER-HOUSE RETURNS OF CATTLE KILLED IN THE BOROUGH, 1879.

	STREET.	Beasts.	Sheep.	Lambs.	Calves.	Pigs.	Dead Meat imported for Sale at the Abattoir.		
							Beasts.	Sheep.	Pigs.
	Abattoir	23484	178888	..	11899	16297	5084	29824	..
	Foreign Animals' Wharf—								
	Huskisson Dock	4095	1604	..	..	..	..	..	..
	Canada Dock	4	92	..	..	..	..	..	..
New Parts.	Arch No. 30	246	154	14	..	1045	..	..	..
	Back Butler Street	226	845	154	3	..	..	..	..
	Back Castle Street	426	1668	182	1	..	..	..	..
	Back Mount Vernon Green	586	5963	810	51	..	..	..	..
	Browside	432	1213	206	3	..	..	..	..
	Byles Street	26	1540	283	..	..	..	..	..
	Corlett Street	811	3463	892	..	19	..	..	..
	Cotter Street	..	..	..	..	1826	..	..	..
	Crown Street	277	657	208	..	10	..	..	..
	Darnley Street	..	..	..	..	1646	..	..	..
	Edgeware Street	13	89	..	..	..	..	..	..
	Embledon Street	821	2813	924	11	58	..	..	..
	Foley Street	700	3091	457	16	5	..	..	..
	Gelling Street	823	559	319	143	..	..	..	..
	Grinfield Street	2	6	6	2	2	..	..	..
	Knight Street	..	..	..	..	..	..	..	..
	Parliament Street	180	863	142	149	3	..	..	..
	Peel Street	57	753	210	..	..	..	..	..
Old Parts.	Bachelor Street	101	894	169	12	..	..	..	..
	Back Commutation Row (1)	462	3186	423	3	..	..	..	..
	,, ,, (2)	568	3260	514	..	..	..	..	..
	Benledi Street	245	366	129	..	..	..	..	..
	Bevington Hill	1898	965	146	727	..	..	..	..
	Bolton Street	829	2933	642	44	..	..	..	..
	Byrom Street	..	..	..	..	777	..	..	..
	Cross Street	..	..	..	..	11953	..	..	..
	Finch Place	866	4531	571	98	..	..	..	..
	Frederick Street	978	2453	284	..	89	..	..	..
	Hodson Street	491	4261	347	..	..	..	..	..
	Hood Street	417	904	399	29	..	..	..	..
	Leeds Street	875	673	35	..	2020	..	..	..
	Lower Milk Street	..	..	..	..	40	..	..	..
	Lydia Ann Street	204	52	259	..	2	..	..	..
	Norfolk Street	520	1615	333	..	..	..	..	..
	Norman Street	..	..	..	..	2165	..	..	..
	Plumbe Street	..	..	..	..	867	..	..	..
	Price Street	207	1075	118	..	..	..	..	..
	Scotland Road	92	397	55	72	4	..	..	..
	Soho Street	..	..	..	..	2147	..	..	..
	Stanley Road	477	1032	36	28	1118	..	..	..
	St. James Street	290	1139	137	..	..	..	..	..
	Upper Milk Street	1633	1028	..	..	15720	..	..	..
	Total in Private Slaughter-houses	16779	54441	9404	1392	41516	..	..	..
	Total in the Borough	44362	235025	9404	13291	57813	5084	29824	..

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED.

	DATE.—1879.	Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry	Rabbits	Fish.	Shell-fish.	Miscel-laneous.
		Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head	Head	Lbs.	Bags.	
Slaughter Houses.	Abattoir	94690	4504	42222	272	19782	..	..	..	..	
	Bevington Hill	19555	8005	6276	..	1730	..	..	..	..	
	Bolton Street	720	82	..	..	..	..	..	..	..	
	Cross Street	..	..	..	..	7602	..	..	..	..	
	Cotter Street	..	..	..	..	235	..	..	..	..	
	Darnley Street	..	..	..	..	230	..	..	..	..	
	Finch Place	..	..	722	..	..	..	..	..	..	
	Frederick Street	..	..	70	..	..	..	..	..	..	
	Foley Street	486	..	..	..	..	..	..	..	..	
	Gelling Street	1890	326	..	.	..	..	..	..	..	
	Hood Street	..	55	..	..	..	..	..	..	..	
	Leeds Street	1620	..	68	..	..	..	..	..	..	
	Norman Street	..	..	..	..	180	..	..	..	..	
	Price Street	33	..	72	..	..	..	..	..	..	
	Parliament Street	1140	355	..	..	..	..	..	..	..	
	Stanley Road	3355	184	562	..	13858	..	..	..	..	
	Soho Street	..	..	..	..	895	..	..	..	..	
	Sandhills	480	..	334	..	..	..	..	..	..	
	St. James Street	64	..	364	..	..	..	..	..	..	
	Upper Milk Street	1113	351	1880	..	1445	..	..	..	..	
Markets.	Cleveland Square	..	..	7	..	..	..	..	..	..	
	Pownall Square	..	..	..	..	45	..	..	..	..	
	Queen's Square	..	..	..	..	..	460	..	120	..	
	St. James'	1070	52	608	..	433	..	..	..	..	
	St. John's	1471	244	1061	..	12	681	266	115089	107	
	St. Martin's	801	..	54	..	4187	..	..	..	1	
Other Parts.	Addison Street	..	..	..	..	..	..	..	25	..	
	Athol Street	..	..	..	..	..	..	..	20	..	
	Brunswick Road	35	..	..	..	19	..	..	..	..	
	Brunswick Dock	..	..	..	..	220	..	..	..	..	
	Bramley Moore Dock	..	..	..	..	4540	..	..	..	..	
	Brownlow Hill	..	..	..	..	..	..	..	56	..	
	Bradewell Street	..	..	..	..	..	..	..	28	..	
	Byrom Street	..	..	..	..	7	..	..	..	..	
	Caryl Street	..	..	..	..	19	..	..	..	..	
	Chatsworth Street	..	..	..	..	30	..	..	..	..	
	Compton House	..	..	120	..	..	..	..	..	..	
	Central Station	..	..	..	..	150	..	..	..	..	
	Cheapside	..	..	..	..	49	..	..	..	..	
	Cockspur Street	..	..	..	..	11	..	..	..	..	
	Currie Street	..	..	..	..	74	..	..	..	..	
	College Lane	..	..	..	..	..	..	..	2240	..	
	Dale Street	..	..	..	..	..	..	..	339	..	
	Duke Street	..	..	..	..	297	..	..	..	..	
	Everton Road	..	..	..	..	..	..	..	26	..	
	Fairclough Lane	..	..	..	..	..	..	..	6	..	
	Falkner Street	21	..	62	..	..	..	..	..	..	
	Fletcher Street	..	90	..	..	..	..	..	..	..	
	Great Charlotte Street	..	..	..	..	..	15	..	11803	..	
	Great Howard Street	..	..	..	..	..	..	..	54	..	
	Great Homer Street	84	..	..	..	..	..	..	167	..	
	Carried forward	128628	14248	54482	272	56050	1156	266	129973	108	..

Miscellaneous:
- Berry Street ..... 344 tins of Condensed Milk.
- Central Station ..... 1000 Oysters.
- St. John's Market ..... 78246 Oysters.
- " ..... 182 Oranges.
- Back Roe Street ..... 243 "

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED.

Continued.

DATE.—1879.	Beef.	Veal.	Mutton	Lamb.	Pork.	Poultry	Rabbits	Fish.	Shell-fish.	Miscel-laneous.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head	Head	Lbs.	Bags.	
Brought forward ..	128628	14248	54482	272	56050	1156	266	129973	108	
OTHER PARTS.										
Gt. George Place	256	80	146	..	..	..	..	..	..	
George's Dock	..	..	..	..	..	..	..	1267	..	
Gill Street	..	..	..	..	288	..	..	..	..	
Huskisson Dock	..	..	300	..	..	..	..	..	..	
Highfield Street ...	..	..	..	..	..	..	..	184	..	
Heyworth Street	115	..	..	..	..	..	..	46	1	
Hill Street	292	..	..	..	..	..	..	30	..	
Hawkstone Street ..	..	..	..	..	..	..	..	20	..	
Islington	186	..	70	..	13	..	..	..	..	
Landing Stage	9360	..	..	..	..	..	..	..	..	
Lad Lane	..	..	..	..	..	..	..	1537	..	
Leece Street	..	..	..	..	..	..	1880	..	..	
Lime Street	135	..	..	..	..	..	..	706	..	
Liver Street	..	..	..	..	10	..	..	..	..	
London Road	54	..	..	..	32	..	..	212	..	
Limekiln Lane	..	..	..	..	84	..	..	..	..	
Mill Street	642	104	220	..	..	..	..	21	1	
Manesty Lane	..	..	..	..	..	..	..	14504	..	
McViccar Street	..	..	..	..	..	..	..	2784	..	
Maguire Street	55	..	..	..	..	..	..	..	..	
Myrtle Street	62	..	58	..	..	..	..	..	..	
Midghall Street	..	..	..	..	..	..	..	24	..	
Naylor Street	..	..	..	..	..	..	..	3000	..	
Netherfield Rd. North	..	..	..	..	692	..	..	1695	..	
Overbury Street	..	..	..	..	10	..	..	..	..	
Parliament Street....	..	..	..	.	32	..	..	..	..	
Park Lane	..	..	..	..	..	..	..	44	..	
Park Road	..	..	..	..	..	..	..	10	..	
Paddington	..	..	..	..	4	..	..	..	..	
Pitt Street	..	..	..	..	4	..	..	4480	..	
Prescot Street	..	..	..	..	..	..	..	92	..	
Queen's Arcade.....	..	..	..	..	11	..	..	..	..	
Queen's Dock	..	..	54	..	..	..	..	..	.	
Ray Street	..	..	..	..	..	..	..	2928	..	
Renshaw Street.....	..	..	..	..	..	12	..	..	..	
Rose Street	..	..	..	..	..	117	..	2695	..	
Stanley Road.....	..	..	..	..	..	2	..	200	..	
Scotland Road	27	80	..	..	1322	..	..	175	..	
Soho Street	..	..	..	..	..	..	..	20	..	
Squires Street	420	..	..	..	..	..	..	..	..	
St. James Street	..	..	..	..	..	..	..	32	..	
Slater Street	..	20	..	..	..	..	..	..	..	
Sawney Pope Street..	..	..	..	..	..	..	..	450	..	
Standish Street.....	452	..	..	..	..	..	..	10563	.	
Sweeting Street	..	..	..	..	..	..	..	168	..	
Skelhorne Street	..	..	..	..	150	..	..	156	..	
South Street	..	..	..	..	..	..	..	10	..	
Stanley Street	..	..	..	..	363	..	..	..	..	
Springfield Street....	..	..	..	..	13	..	..	..	..	
Carried forward....	140684	14532	55330	272	59078	1287	2146	178026	110	..

Miscellaneous:
- ....1000 Oysters.
- ....1000 bags Rice Meal, weighing about 100 tons.
- New Quay .....38000 Oysters.
- Queen's Dock.....18 ,,
- Huskisson Dock .....9000 ,,
- Highfield Street .....
- Lime Street .....

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED.

Continued.

DATE.—1879.	Beef.	Veal.	Mutton	Lamb.	Pork.	Poultry	Rabbits	Fish.	Shell-fish.	Miscel-laneous.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head	Head	Lbs.	Bags.	
Brought forward ..	140684	14532	55330	272	59078	1287	2146	178026	110	Victoria Dock, 9,000 Oysters Waterloo ,, 71,100 ,,
OTHER PARTS. Temple Court	..	..	..	..	..	..	..	9193	..	
Titchfield Street	..	..	..	..	..	..	..	116	..	
Tyrer Street	..	..	..	..	47	..	..	..	..	
Vauxhall Road	125	..	..	..	..	..	..	..	..	
Waterloo Dock	..	..	35	..	..	..	..	..	..	
Walton Road.....	..	..	..	..	39	..	..	531	..	
Whitechapel	..	..	..	..	..	21	..	..	..	
Whitefield Road	25	..	..	..	..	.	..	..	..	
Whitefield Lane	..	..	..	..	..	..	..	10	..	
Wellington Deck	..	..	..	..	..	..	..	3136	..	
William Henry Street	..	..	..	..	..	..	..	15	..	
TOTAL	140834	14532	55365	272	59164	1308	2146	191027	110	..

Number of Informations for Exposing for Sale Diseased Meat and Fish ..		147
,, Fined		124
,, Sent to Goal		1
Amount of Fines	£392 10 8	
Four Informations for removing Beasts affected with Pleuro-Pneumonia, and Fines inflicted	12 1 6	

NUISANCES.

Nuisances inspected, complained of by Inhabitants	2,896
,, Reported by District Officers	68,454
,, Notices issued	34,846
,, Referred to the Medical Officer	5,019
,, ,, Borough Engineer	2,413
,, ,, Building Surveyor	799
,, ,, Water Engineer	9,566
,, ,, Superintendent of Scavengers	5,815
Number of Nuisance Informations	2,868
,, Fined	382
,, Magistrates Order to abate	985
,, Acquitted and Withdrawn	1,501
Amount of Fines	£144 13 6

HOUSE TO HOUSE VISITATION.

Number of Streets Examined	3,589
,, ,, Houses Examined	57,609
,, ,, ,, found Clean	53,129
,, ,, ,, ,, Dirty	4,480
,, Apartments in Street Houses Examined	194,210
,, Courts Examined	4,696
,, Court Houses Examined	23,514
,, ,, ,, found Clean	19,393
,, ,, ,, ,, Dirty	4,121
,, Apartments in Court Houses Examined	70,787
,, Re-inspections of Dirty Houses	20,388
Total Number of Houses Examined	101,511

CELLAR EXAMINATION.

Number of Streets in which Cellars were Inspected	2,303
,, Cellars Inspected	24,644
,, ,, found Empty	13,515
,, ,, Illegally Occupied	1,032
,, ,, Legally ,,	10,097
,, Courts in which Cellars were Inspected	2,207
,, Cellars Inspected	10,915
,, ,, found Empty	8,693
,, ,, ,, Illegally Occupied	188
,, ,, ,, Legally ,,	2,034
,, Cellar Notices issued	1,105
,, ,, Informations	331
,, Fined	288
,, Acquitted and Withdrawn	17
,, of Cellars ordered to be Closed after second conviction	26
Amount of Fines	£34 3 6

INFECTED AND DIRTY HOUSES.

1,262 Infected Street Houses Inspected, containing	2,020 cases.
322 ,, Court ,, ,, ,,	469 ,,
64 ,, Cellars ,, ,,	81 ,,
Number of Notices to Owners to Cleanse Infected Houses	1,772
,, ,, Occupiers to Whitewash Dirty Houses	10,195
,, ,, Owners to Whitewash Exteriors of Courts	2,925
,, Renewed Notices to Whitewash	5,356
,, Informations against Infected and Dirty Houses	676
,, Fined	82
,, Acquitted and Withdrawn	594
Amount of Fines	£40 8 9

SHIPPON AND PIGGERY INSPECTION.

Number of Shippons and Piggeries Inspected	1,093
,, Informations	29
,, Fined	29
Amount of Fines	£11 17 6

COURT AND PRIVY EXAMINATIONS.

Number of Visits to Courts and Alleys	125,833
,, Closets found Dirty, but Cleansed during Officer's Inspection	93,263
,, Informations	33
,, Fined	26
Amount of Fines	£6 8 6

PROCEEDINGS FOR EXCESSIVE SMOKE.

Number of Informations against Manufactories	208
,, ,, Steamers	58
,, Fined	263
,, Acquitted or Withdrawn	3
Amount of Fines	£255 18 6

PROCEEDINGS UNDER THE ADULTERATION ACT.

No. of Samples.	Description of Samples.	Results of Analysis.
166	Milk	14 were adulterated and informations laid.
43	Drugs	6 ,, ,, ,,
24	Cocoa	20 ,, ,, ,,
7	Butter	1 ,, ,,
4	Lard	Ordinary commercial quality.
*3	Rice Meal	Seized and destroyed under Magistrate's Order.
3	Coffee	1 adulterated and information laid.
3	Honey	1 ,, ,,
253		

The number of prosecutions was 43, the result being that 8 cases were dismissed with a caution or withdrawn, and in 35 cases penalties were inflicted varying from 2s. to £5 and costs, amounting in all to £49 1s. 6d.

* 1000 bags Rice Meal (about 100 tons) seized at Queen's Dock as being unfit for human food, owing to being mixed with ground marble, and destroyed on a Magistrate's order under the Public Health Act, 1875.

WATER CLOSET CONVERSIONS.

Number of Notices	791
,, Certified	2,115
,, Constructed	1,562
,, of Closets standing over from 31st December, 1878	362
,, Demolished	13
,, under Notices not expired, and Empty Houses	621
,, granted extension of time by Health Committee and Magistrates	281
,, of Informations	65
,, Fined	4
Amount of Fines	£7 8 0

SMOTHERED CATTLE.

Calves.	Beasts.	Sheep.	Pigs.	Number found good.	Number found bad.	Weight of Bad in pounds.
..	98	403	747	884	364	61895

REMOVALS TO MORTUARIES AND HOSPITALS.

Bodies Removed to Mortuaries.			Persons Removed to Hospitals.			
Smithdown Rd.	St. Martin's.	Anfield.	Brownlow Hill.	Mill Road.	ToxtethPark.	Netherfield Rd.
21	45	..	159	45	2	38

The following report has been kindly prepared by the Superintendent of the Scavenging Department, RICHARD S. REYNOLDS, M.R.C.V.S. :—

Year 1879.

TABLE No. 1.

NIGHT SERVICE FOR EMPTYING MIDDENS, COURT ASHPITS, AND SOME OFFICE ASHPITS.

Notices Received.	Middens, &c., Emptied.	Loads of Nightsoil and Ashes.							Nightly average Working Staff.				Analysis of Work.		Average contents of each Midden.
		Number Removed.			Where Deposited.										
		Manure.	Ashes.	Total.	Phillips Street.	Sandhills.	South Wharves.	Waver-tree.	Midden Men.	Wharf Men.	Carts.	Horses.	Loads per Man per Night.	Loads per Cart per Night.	Cart Loads.
15,502	24,961	34,655	11,144	45,799	32,138	11,387	888	1,386	43·8	10·4	34·52	35·6	3·43	4·14	1·83

TABLE No. 2.

SERVICE FOR THE COLLECTION AND REMOVAL OF DRY ASHES.

Notices Received.	Ashpits Emptied.	Loads of Dry Ashes.							Average Daily Working Staff.			Analysis of Work.		Average contents of each Ashpit.
		Number Received.			Where Deposited.									
		From Ashpits.	By "Bell" Carts.	Total.	Phillips Street.	Sandhills.	South Wharves.	Rubbish, Tips, &c.	Ashpit Men.	Carts and Wagons.	Horses.	Loads per Man per Day.	Loads per Cart per Day.	Cart Loads.
21,475	54,115	56,147	16,068	72,215	20,986	2,810	2,896	45,523	58·9	47·	51·4	3·94	4·94	1·33

TABLE No. 3.

SERVICE FOR FLUSHING AND CLEANSING TROUGH WATER CLOSETS.

Number of Urinals.	Number of Trough Water Closets.	Average Working Staff.	
		Trough W. C. Men.	Urinal Men.
210—460 Stalls.	3,726	48·	11·2

TABLE No. 4.

SERVICE FOR CLEANSING, COLLECTION, AND REMOVAL OF REFUSE FROM STREETS, COURTS, PASSAGES, &c.

Loads of Street Sweepings Removed.						Average Daily Staff.				Average Number of Loads Removed Daily per Cart.
Total Number Removed.	Where Deposited.					Scavengers.	Sweeping Machines.	Carts.	Horses.	
	Phillips Street.	Sandhills.	Wavertree.	South Wharves.	Refuse on Tips and New Macadam.					
89,133	44,142	7,683	2,170	12,918	22,220	331	13	65·13	81·13	4·39

TABLE No. 5.

CLEANSING AND REMOVAL OF REFUSE FROM STREETS, COURTS, AND PASSAGES ON SUNDAYS.

Loads of Street Sweepings.												Average Daily Staff.	
Removed.				Where Deposited.									
				Phillips Street.		Sandhills.		River Craft Dock.		Stanley Road.			
Manure.	Ashes.	Refuse.	Total.	Manure.	Refuse.	Manure.	Refuse.	Manure.	Refuse.	Manure.	Refuse.	Men.	Horses.
1609	55	1968	3632	1207	873	248	567	154	547	..	36	95·5	24·5

TABLE No. 6.

SERVICE FOR STREET WATERING.

Number of Days on which Carts were out.	Total Number of Loads Distributed.	Average Daily Staff employed during the Season.		Average Number of Loads Distributed Daily per Cart.
		Watermen.	Carts and Horses.	
113	94,806	16	21·8	38

TABLE No. 7.

DESPATCHES OF MANURE AND REFUSE.

	Saleable Manure.				Unsaleable Refuse.				Grand Total.	Average Daily Staff.	
	Night Soil.	Sweepings.	Mixture.	Total.	Contractors.	Farmers.	Depots.	Total.		Inspectors and Foremen.	Labourers.
Philips Street	27,696	21,168	624	49,488	45,552	5,520	13,872	64,944	114,432		
Sandhills	1,728	..	336	2,064	11,520	192	144	11,856	13,920	1	20
Do. by Rail ..	8,268	4,584	148	13,000	..	123	..	123	13,123		
Wavertree	1,403	1,841	..	3,244	..	160	..	160	3,404	1	1·5
South Wharves ..	1,375	8,252	359	9,986	..	9,970	..	9,970	19,956	1	7
	40,470	35,845	1,467	77,782	57,072	15,965	14,016	87,053	164,835	3	28·5

TABLE No. 8.

HORSES.—DAILY AVERAGE NUMBER.

Hired.	Corporation Horses.				Supplied for various Works.												
					Scavenging.							Borough Engineer.					
Number.	Number.	Effective for Work.	Percentage of Ineffectives.	At Work every Sunday.	Night Soil Removal.	Dry Ash Removal.	Street Scavenging.	Yards, Stables, Stores, &c.	Market.	Superintendent.	Watering.	Paving.	Sewers Cleansing.	Brownlow Street.	Horsing Police Vans.	Disinfecting Vans, &c.	Improvement Committee.
22	230	220	4·35	49	36	52	81	6	1·5	1	10	33	6·5	1	7	5	2

Number Purchased.		Number Disposed of.		
Plant.	Maintenance.	Died.	Destroyed.	Sold.
25	41	11	3	25

TABLE No. 9.

AVERAGE DAILY STAFF OF MEN EMPLOYED.

General.						Night Service.				Day Service.																		Stables, Yards, and Stores.				Workshops.						Wharves, Depots, &c.																Grand Total.
Inspectors.	Timekeeper, Checker, &c.	Disinfecting Men.	Clerks.	Office Boy.	Total.	Inspectors	Midden Men.	Wharf Men.	Total.	Inspectors and Foremen.	District Storekeepers.	Watermen	Barrow Men.	Sweepers.	Cart Followers.	Passage Men.	Gully Men.	Trough Closet Men	Urinal Men.	Ash Men.	Boat Men.	Orderly Boys.	Total.	Horsekeepers.	Night Watchmen.	Carters, Yardmen, Stable-men, and Storekeepers.	Total.	Cartwrights.	Shoeing Smiths.	Blacksmiths and Strikers.	Painters.	Labourers.	Total.	Phillips' Street.		Sandhills.		South Wharves.		Bromborough.		Gorsey Lane, Aintree, and Ford.		Various Town Deposit Places.		Total.						
																																		Foremen.	Labourers.	Foremen.	Labourers.	Foremen.	Labourers.	Foremen.	Labourers.	Foremen.	Labourers.	Foremen.	Labourers.						
1	1·9	·1	4	1	8	5	46	10·4	61·4	17·6	4·9	5·7	80·5	114	63	28	32	48	11·2	57	4	10	475·9	4	4	217·3	225·3	10·8	6	9·5	2	1·2	29	5	1	·	·	20	1	7	1	·5	1	24	2	8	65·5	865·6					

TABLE No. 10.

Daily Consumption of Provender and Weekly Cost per Horse per Week.

Food and Litter.

Days Keep.		Total Consumption of Food.			Daily Average Consumption per Horse.	Weekly Cost of each Horse's Keep	
					Lbs.		
		Corn	9,022	centals.	10·54		
		Beans and Peas ..	4,059	,,	4·74		
		Oats	237	,,	·27		
84,340	Horses of Health Committee.	Bran	2,034	,,	2·38	Gross weekly cost	11s $11\frac{3}{4}$d.
		Meal	732	,,	·85	Credit value of Manure	1s. $4\frac{1}{4}$d.
1,224	Livery, &c.	Roots	119	cwt.	·15		
85,564		Grass.....	582	,,	·78		10s. $7\frac{1}{2}$d.
		Hay	43,782	score.	10·26		
		Straw	31,260	,,	7·27		
		Sawdust	2,570	sacks.	·0328		

APPENDIX.

LOCAL GOVERNMENT BOARD RETURNS.

The Returns of Sickness required by the Local Government Board would be very valuable for statistical purposes, even if such returns could only be approximately correct; but in a district like that of the Liverpool Sanitary Authority, having a large moving population, and comprising one entire parochial area and a portion of two others, with hospital accommodation not confined to the Borough, but greatly used by people whose homes are outside the Borough, any attempt to draw useful or reliable deductions from such returns as could be obtained would be futile. To make such returns of value to a Medical Officer of Health it would be necessary to give the street or precise locality in which the patient dwelt. It would not be sufficient to give the parochial area alone, for such information would not enable him to ascertain the local causes operating adversely to health, but would assume that the same causes of disease were equally spread over the whole district. The great difference between Abercromby and Vauxhall Wards, or between Rodney Street and Scotland Wards, is illustrated by the difference in the inhabitants, the character of their employment, their dwellings, and the presence or absence of manufactories and offensive trades, and is reflected in the disparity of the death rate. To record the sickness of every seaman, emigrant, or visitor would be impossible; to follow out the history of out-pauper patients would be impracticable, for the chronic cases frequently change their residence and pass from under the care of one doctor to another, whilst the acute cases, if not sent to hospital, generally fall under the care of the dispensaries. To furnish returns of patients in hospitals is possible and might be correctly made, but would require great labour and attention. From the large number of patients admitted and the conditions under which they are received it is very possible that in many cases the first diagnosis will not be the true one, and to re-enter the case would be to record two patients instead of one, and if not altered and the patient died the rate of mortality of such disease would appear greater than was the fact. Some idea of the difficulties can be imagined when the population of the Parish of Liverpool, 205,338, is considered, and that between twenty and thirty thousand sick persons pass yearly through the Parish Hospital in Brownlow Hill. Patients are sent to this hospital by the Parish District Doctors, by the Dispensaries and other Medical Charities, by the Police, the Health Committee, &c., and some are admitted on their own application. There is also the Mill Road Hospital of the West Derby Union,

which contains not only the sick paupers of Everton (population 128,477), Kirkdale (population 55,371), and West Derby Wards (population 61,832) in the Borough, but those from Bootle, Walton, West Derby, &c., outside the Borough. During the epidemic of smallpox in 1876-7, by an arrangement between the Select Vestry and the West Derby Guardians all cases of that disease were taken to Mill Road and all fever cases to Brownlow Hill. And there is the Toxteth Workhouse Hospital outside the Borough, which accommodates the sick paupers from the Toxteth Wards (population 87,320) within the Borough.

On the admission into the above establishments of patients suffering from infectious diseases notice is sent to the Medical Officer of Health, giving the residences from which they have been removed and stating the nature of the illness.

Liverpool is well supplied with Medical Charitable Institutions; and the following table, showing the number of cases treated during the year 1878, is somewhat startling, for 188,416 cases treated gratuitously, besides pauper cases, in one year is far beyond anything that could be expected in any English city or town, and can only be accounted for by many people attending first at one institution and then another, and thus being enumerated over and over again.

CASES OF SICKNESS, &c., ATTENDED DURING THE YEAR 1878.

Institutions.	In-patients.	Out-patients.	Attendances.
Royal Infirmary	2663	5310	..
Dispensaries	..	69267	..
Eye and Ear Infirmary	486	8532	..
Ladies' Charity and Lying-in Hospital	271	16080	..
Northern Hospital	1629	4632	..
Royal Southern Hospital	1902	5920	..
Infirmary for Children	464	7236	..
Hospital for Consumption and Diseases of the Chest.	..	2257	..
St. George's Hospital for Skin Diseases	..	1284	..
Stanley Hospital	241	9919	..
Hospital for Cancer and Skin Diseases	..	5908	..
St. Paul's Eye and Ear Infirmary	..	2563	..
Netherfield House Institution for Infectious Diseases	161	..	..
Medical Missionary Society	..	27060	..
Homœopathic Dispensaries	..	..	58523
	7817	165968	58523
One-fourth of Attendances at Homœopathic Dispensaries	..	14631	..
	7817	180599	..
Total Number of Cases attended by the Medical Charities		188,416	..

In Table B has been entered the cases of infectious disease which have been reported to this office by the Authorities at Brownlow Hill on the date of admission, but returns of other diseases at this Institution are not given, for reasons previously stated. The returns of sickness and deaths at the Royal Infirmary are compiled from the annual report, and will include many cases which have been brought from a distance outside the Borough.

(A) TABL

IN THE SANITARY DISTRICT OF LIVERPOOL, CLASSIFIED ACCORDING TO DISEAS
AND THE BIRTHS THEREIN DURING THE TWEL

(I.) Names of Localities (being Parishes, Groups of Parishes, Townships, Wards, or other areas of known population) adopted for the purpose of these Statistics; Public Institutions being excluded.	Population at all Ages.		Registered Births.	Mortality from all Causes, at Subjoined Ages.						
	Census, 1871.	Estimated to middle of 1879.		At all Ages.	Under 1 year.	1 and Under 5.	5 and under 15.	15 and under 30.	30 and under 60.	6 an up war
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	1
Scotland	77033	69459	2871	1896	536	471	138	99	438	2
Vauxhall	18958	14301	575	433	127	92	20	31	123	
St. Paul's and Exchange	23913	19170	698	553	139	87	22	43	187	
St. Anne's and Lime Street	40231	37131	1172	869	231	213	58	55	211	1
Castle Street and St. Peter's	9423	5501	144	142	26	25	5	18	37	
Pitt Street and Great George	23271	18208	623	450	122	88	31	26	110	
Rodney Street and Abercromby	45582	41568	1440	705	151	95	48	51	183	
Everton	90937	128477	4348	2520	673	653	167	166	501	
Kirkdale	32978	55371	2336	1166	334	300	87	72	239	
West Derby	50687	61832	2602	1324	329	301	98	86	298	
The Toxteths	80392	87320	4035	2217	596	531	125	149	473	
(II.) Public Institutions. Parish Workhouse & Hospitals	..	..	..	1815	132	121	73	297	779	
(II.) Public Institutions. Out Township Workhouse and Hospitals	..	..	..	440	10	13	28	96	228	
Totals	493405	538338	20844	14530	3406	2990	900	1189	3807	2

OF DEATHS

AGES, AND LOCALITIES, AND SHOWING ALSO THE POPULATION OF SUCH LOCALITIES,
CALENDAR MONTHS OF THE YEAR 1879.

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS IN PERSONS UNDER FIVE YEARS OF AGE.

	Smallpox.	Measles	Scarlatina.	Diphtheria.	Croup (not 'spasmodic')	Whooping Cough.	Continued Fevers.			Diarrhœa and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
							Typhus.	Enteric or Typhoid	Other or Doubtful.												
12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.
Under 5	.	74	83	3	22	17	1	4	4	66	..	..	2	1	..	..	4	261	..	34	431
5 upwards	..	3	41	3	1	3	7	12	4	10	1	..	2	..	2	1	119	298	83	30	269
Under 5	..	7	10	1	2	8	..	..	1	10	..	..	..	..	..	..	..	68	..	12	100
5 upwards	..	2	3	..	..	1	..	3	1	2	..	..	..	..	1	..	32	104	14	10	41
Under 5	..	11	14	..	4	1	..	..	2	18	..	..	..	1	..	..	..	58	..	12	105
5 upwards	..	..	4	..	..	1	..	..	3	5	1	..	4	..	1	..	46	123	26	11	102
Under 5	..	30	36	1	4	14	2	2	..	32	..	..	1	..	..	..	3	110	..	20	189
5 upwards	..	1	15	..	1	1	5	2	1	..	..	1	2	..	..	1	68	124	40	10	153
Under 5	..	..	2	..	3	4	..	..	..	4	..	.	1	..	..	..	..	13	..	..	24
5 upwards	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	12	11	17	6	43
Under 5	..	18	13	4	4	9	..	1	..	11	..	..	..	..	..	..	1	56	..	10	83
5 upwards	..	3	8	..	..	..	1	..	1	1	..	..	1	..	..	..	44	52	23	9	97
Under 5	..	7	14	4	5	13	..	..	1	16	1	..	2	..	..	..	1	44	..	5	133
5 upwards	..	3	12	2	..	2	..	1	2	3	..	1	1	..	1	..	73	102	57	8	191
Under 5	..	111	100	11	32	43	..	7	3	62	..	..	6	2	..	..	10	294	1	35	609
5 upwards	..	12	43	10	2	..	2	17	7	6	1	1	4	..	2	1	222	299	96	6	463
Under 5	..	39	54	11	15	13	..	7	2	33	..	..	6	..	..	..	4	125	2	30	293
5 upwards	..	2	23	5	1	2	3	14	4	2	..	2	..	..	2	..	70	140	45	24	193
Under 5	..	23	62	4	20	38	..	..	1	22	2	..	5	..	..	..	7	136	2	12	296
5 upwards	..	7	35	2	..	4	..	12	2	4	..	4	5	..	..	..	127	153	66	7	266
Under 5	..	95	79	5	17	57	..	1	4	70	1	..	3	1	..	..	5	327	2	26	434
5 upwards	..	8	32	2	3	4	4	7	7	6	..	2	4	2	3	..	177	266	129	20	414
Under 5	..	14	22	1	2	2	..	..	..	6	..	..	5	..	..	..	4	48	..	23	126
5 upwards	..	1	11	..	..	1	42	17	2	24	..	2	6	5	3	..	245	339	135	122	607
Under 5	..	2	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	6	12
5 upwards	..	..	10	..	1	..	22	7	2	1	..	..	1	1	1	2	71	74	32	49	143
Under 5	..	431	491	45	130	219	4	22	18	350	4	..	31	5	..	..	39	1540	7	225	2835
5 upwards	.	42	237	24	9	19	87	92	36	65	3	13	30	8	16	5	1306	2085	763	312	2982

DEATHS REGISTERED IN THE BOROUGH OF LIVERPOOL,

DURING THE YEAR ENDING SATURDAY, 27TH DECEMBER, 1879.

Part 1: sex, age at death (Age—Below) and totals for the Parish and the Out Townships

Cause of Death	Sex: Male	Sex: Female	Age—Below: 1	2	5	10	15	20	30	40	50	60	70	80	90	102	?	Parish of Liverpool	Out Townships
All Causes	7415	7087	3384	1529	1433	654	251	254	945	1187	1306	1320	1297	711	220	8	3	6846	7656
I. Zymotic Diseases	1271	1220	543	505	754	315	65	32	73	56	54	49	31	12	2			1034	1457
II.—Diseases of Uncertain or Variable Seat	139	227	10	7	16	8	1	4	8	46	71	90	70	28	7			167	199
III.—Tubercular Diseases	1003	853	194	144	116	70	65	97	405	377	255	94	39					819	1037
IV.—Diseases of the Brain, Spinal Marrow, &c.	826	693	496	149	109	61	29	17	57	71	109	145	161	98	17			701	818
V.—Diseases of the Heart and Blood Vessels	388	440	8	1	4	10	21	21	71	115	163	180	165	63	6			429	399
VI.—Diseases of the Lungs, &c.	1920	1930	805	511	303	92	28	28	133	244	386	509	528	226	53	4		1905	1945
VII.—Diseases of the Stomach, Liver, &c.	322	293	151	60	13	13	6	7	35	68	99	68	72	21	2			250	365
VIII.—Diseases of the Kidneys, &c.	179	118	3	3	22	20	9	7	26	49	50	53	39	15	1			149	148
IX.—Childbirth, Diseases of the Uterus, &c.		105			1			8	42	34	11	5	2	2				44	61
X.—Rheumatism, Diseases of the Joints, &c.	48	53			1	16	10	10	14	14	9	12	9	4	2			59	42
XI.—Diseases of the Skin, Cellular Tissue, &c.	29	40	18	6	2	5	1	2	9	5	2	7	8	4				32	37
XII.—Malformations	23	17	37	1	1	1												15	25
XIII.—Premature Birth	133	106	239															81	158
XIV.—Atrophy and Debility	470	445	686	123	50	9	3	2	2	6	8	26						467	448
XV.—Old Age	197	286											122	227	130	4		248	235
XVI.—Privation, Cold, &c.	4	2	6															2	4
XVII.—Violence, &c.	444	242	181	19	40	34	12	19	70	99	83	73	45	8			3	414	272
Causes not specified	19	17	7		1		1			3	6	9	6	3				30	6
Class 1.—Small Pox																			
Measles	216	239	82	172	160	33	6	1		1								167	288
Scarlatina	406	328	38	107	348	196	27	10	8									289	445
Whooping Cough	106	128	69	74	72	17	2											78	156
Croup	74	60	21	32	72	9												47	87
Diarrhœa	199	203	224	85	36	6	1		3	2	6	14	16	7	2			203	199
Dysentery	6	3	1	1		1			2	2		1	1					5	4
Cholera	4	3	3	1			1			1			1					3	4
Influenza		1		1														1	
Infantile Remittent	7	1	1	2	4	1												3	5
Fever	133	115	4	8	25	24	25	17	32	40	42	24	5	2				118	130
Erysipelas	28	32	30		1	2		1	1	6	5	4	7	3				26	34
Syphilis	37	38	62	6	1				4	1	1							52	23
Diphtheria	36	31	1	11	30	22	1		1			1						18	49
Thrush	3	3	4		2													4	2
Puerperal Fever		16						2	12	2								8	8
Rheumatic Fever	6	7					2	1	7	1		2						4	9
Mumps		1	1																1
Quinsy	3	3		2	3							1						1	5
Ague	3	2				2			2			1						2	3
Chicken Pox	3	1	1	2		1												2	2
Purpura	1	5	1	1		1			1			1	1					3	3
Class 2.—Dropsy	20	25		3	9	6	1			5	4	6	5	4	2			24	21
Gangrene	7	9		1								2	9	3	1			9	7
Cancer	86	175		1	1			1	4	38	65	75	52	20	4			113	148
Tumour	4	3	1					1	1	1	1	2						3	4
Noma	8	5	5	1	6	1												7	6
Anæmia	4	7	3	1		1			1	2	1	2						5	6
Gout	4											1	2	1					4
Carbuncle	2	2							1			1	2					4	
Lymphadenoma	2								1			1						2	
Bronchocele	1							1											1
Cellulitis		1	1																1
Goitre	1							1											1
Class 3.—Scrofula	87	48	28	26	24	14	11	4	13	9	6							47	88
Tabes Mesenterica	104	76	85	46	25	13	4	2	2	1	1		1					61	119
Phthisis	693	655	4	14	21	31	50	91	390	367	248	94	38					654	694
Hydrocephalus	119	74	77	58	46	12												57	136
Class 4.—Inflammation of Brain, &c.	139	85	53	47	39	30	7	4	13	15	10	6						93	131
Cerebro-spinal Meningitis	2	2	1		1						1	1						1	3
Apoplexy	97	116			1	1	1	2	10	17	41	52	59	23	6			88	125
Spinal Meningitis	1	2	1				2											2	1
Paralysis	92	106		1	1		1		5	19	20	38	58	48	7			108	90
Delirium Tremens	3								1			2						2	1
Epilepsy	22	21			1	1	3	4	9	9	7	5	3	1				23	20
Tetanus	1	1				1						1						1	1
Convulsions	336	259	431	92	54	14	2		2									243	352
Chorea	4	2				3	1	1	1									5	1
Disease of Brain, &c.	88	69	2	2	6	5	4	4	10	7	24	30	35	24	4			99	58
Congestion of Brain	12	13	6	5	5	2	2			1		2	1	1				13	12
Myelitis	5	4					1		1	1	1	4	1					5	4
Disease of Spine	17	8		1	1	4	4	1	4		4	3	3					12	13
Otitis	3	3	2	1			1	1						1				2	4
Alcoholism	4	2							1	2	1	1	1					4	2
Class 5.—Disease of Heart	318	384	3		3	9	17	18	52	97	137	155	150	55	6			368	334
Valvular Disease of Heart	30	38			1	1	4	3	13	9	10	15	6	6				27	41
Aneurism	22	5							3	7	11	4	1	1				17	10
Hæmorrhage	8	7	3	1					2	2	1	3	2	1				7	8
Angina Pectoris	4	1							1		1	1	2					3	2
Embolism	2	2									2	1	1					3	1
Phlebitis	2	2	1								1		2					2	2
Syncope	2		1									1						1	1
Injury to Bloodvessel		1											1					1	
Class 6.—Bronchitis	1332	1460	589	342	195	37	12	9	40	145	273	424	466	208	50	2		1409	1383
Pneumonia	447	356	177	140	93	41	15	13	69	68	78	60	36	9	3	1		378	425
Asthma	8	24								5	7	5	10	4		1		11	21
Disease of Lungs, &c.	11	2							3	1	6	1	2					7	6
Congestion of Lungs	40	28	19	13	7	7			3	2	7	4	4	2				33	35
Emphysema of Lungs	7	13	1							5	3	4	4	3				8	12
Hæmoptysis	10	8	1					2	2	4	6	2	1					10	8
Laryngitis	20	18	7	8	5	4		1	6	5	2							18	20
Laryngismus Stridulus	16	4	11	7	2													6	14
Pleurisy	25	15		1	1	3	1	2	9	8	4	9	2					21	19
Tracheitis	1									1								1	
Disease of Larynx	2	2							1				3					2	2
Disease of Trachea	1							1										1	
Class 7.—Teething	64	42	61	43	2													51	55
Inflammation of Stomach	13	15	4	4	1		1		2	7	4	1	1	3				9	19
Inflammation of Bowels	39	37	36	7	5	3		2	3	5	7	3	3	2				31	45
Peritonitis	24	30	9		3	3	2	3	7	8	7	2	6	3	1			16	38
Fistula	3	1							1			2	1					2	2
Disease of Stomach, &c.	26	16	10					1	3	2	7	5	13	1				24	18
Melæna	1	1									1		1						2
Disease of Liver	107	101	20	2	1	1		1	14	31	62	37	31	8				75	133
Ascites	2	7								1	4	2	2					6	3
Hernia	8	14	3	1					1	3	1	4	7	2				17	5
Ileus	20	14	5	2		3	3		3	5	2	4	5	1	1			9	25
Hæmatemesis	6	4								3	3	3		1				3	7
Disease of Œsophagus	1	1								1		1						2	
Disease of Rectum	4	1	1									2	2					3	2
Disease of Spleen		1									1								1
Gallstones		2										2						1	1
Sore Throat	2	1		1	1	1													3
Disease of Glands	1	2	1						1	1									3
Pharyngitis	1	3	1			2				1								1	3
Class 8.—Disease of Kidneys, &c.	42	28	1		4	1	2	2	8	15	8	10	14	4	1			32	38
Diabetes	6	4					1		2	2	2	3						2	8
Nephria	95	76	2	3	18	18	6	4	13	23	32	30	18	4				89	82
Disease of Bladder	15	6							1	3	4	5	3	5				9	12
Disease of Prostate	4											2	1	1				3	1
Disease of Supra-renal Capsules	1	3							1	1	1		1					1	3
Disease of Genital Organs	2									1			1					1	1
Stricture of Urethra	11								1	3	3	2	1	1				10	1
Stone	2	1				1		1				1						1	2
Perineal Abscess	1									1								1	
Class 9.—Childbirth		39						3	19	15	2							17	22
Disease of Uterus, &c.		13							3	4	2	3	1					7	6
Disease of Ovary, &c.		9							1	1	2	2	1	2				3	6
Pelvic Cellulitis		1							1										1
Vaginitis		1			1														1
Mala Puerperis Incidentia		42						5	18	14	5							17	25
Class 10.—Rheumatism	18	32				3	3	2	6	8	5	10	7	4	2			25	25
Disease of Bones and Joints	28	21			1	13	7	8	8	6	3	1	2					32	17
Inflammation of Foot	1										1							1	
Fractured Rib	1											1						1	
Class 11.—Abscess	15	13	4	2		4			4	1	1	5	5	2				17	11
Ulcer	2	6	1							1	1	1	2	2				4	4
Pyæmia	5	8	5				1	1	3	1		1	1					7	6
Septicæmia		3							1	2								2	1
Leucocythæmia		5		1	1	1		1	1										5
Disease of Skin	7	5	8	3	1													2	10
Class 17.—Natural Causes	58	21	3	1	1	1		4	10	17	15	18	6	3				52	27
Found Dead	2	1	2										1						3
Drowned	38	9		1	1	4	3	2	8	10	8	4	3				3	26	21
Want of Attention after Birth	1	3	4															2	2
Suffocated	82	89	158	2					4	3	1	2	1					88	83
Want of Nourishment	1								1									1	
Burns	17	28	2	1	15	12	3	1	1	4	2	3	1					34	11
Want of Natural Food		1	1															1	
Scalds	12	11	3	7	10	1			1	1								14	9
Exposure to Cold	3	1	3										1					3	1
Accidentally Killed	133	31	1	4	13	14	5	6	17	31	29	21	20	3				105	59
Misadventure	1	1		1						1								2	
Injuries—no Evidence	35	13	1			1		4	9	12	6	7	6	2				33	15
Accidentally Poisoned	5	2	1	1		1		1	1	1	1							3	4
Excessive Drinking	15	13							8	4	8	8						21	7
Poisoned—no Evidence	2										1		1						2
Effects of Immersion in a Dock	6									2		2	2					5	1
Accidentally swallowed Half Sovereign		1	1																1
Accidentally Shot	1										1							1	
Hydrophobia	1						1												1
Suicide by—Hanging	7										4	3						3	4
Suicide by—Strangling	9							1		4	2	1	1					1	8
Suicide by—Poison	3	6							5	2		1	1					5	4
Suicide by—Drowning	1									1									1
Suicide by—Cut Throat	1	4								2	1	2						2	3
Suicide by—Jumping from Window	1								1										1
Manslaughter	4	2							1	1	3		1					5	1
Murder	4	5	1	1					2	3	1	1						7	2
Hanged for Murder	1								1										1
Causes not specified	19	17	7		1		1			3	6	9	6	3				30	6
Males			1830	803	749	349	126	112	490	606	699	670	613	274	89	2	3	3565	3850
Females			1554	726	684	305	125	142	455	581	607	650	684	437	131	6		3281	3806

Part 2: deaths by district, ward and hospital

Cause of Death	Saint Martin's District: Scotland Ward	Gt. Howard Street District: Vauxhall Ward	Dale Street District: Saint Paul's Ward	Dale Street District: Exchange Ward	Islington District: Saint Anne's Ward	Islington District: Lime Street Ward	St. George's District: Castle Street Ward	St. George's District: Saint Peter's Ward	St. Thomas's District: Pitt Street Ward	St. Thomas's District: Great George Ward	Mount Pleasant District: Rodney Street Ward	Mount Pleasant District: Abercromby Ward	Parish Hospitals, Mount Pleasant District: L'pool Workhouse	Parish Hospitals, Mount Pleasant District: Royal Infirmary, &c.	Parish Hospitals, Mount Pleasant District: Children's Infirmary	Parish Hospitals, Mount Pleasant District: Lying-In	Parish Hospitals, Great Howard Street District: North	Out-Township Hospitals, Kirkdale District: Stanley	Out-Township Hospitals, Everton District: Netherfield Road	Out-Township Hospitals, Everton District: West Derby Union	Out-Township Hospitals, Toxteth District: Royal South	Everton District: Everton	Kirkdale District: Kirkdale	West Derby District: West Derby	Toxteth Park District: North Toxteth	Toxteth Park District: South Toxteth	Borough of Liverpool
All Causes	1887	433	298	248	642	232	32	108	193	254	321	377	1368	272	33	16	132	21	6	280	138	2528	1169	1314	1202	998	14502
I. Zymotic Diseases	382	57	35	31	121	41	1	16	36	43	43	50	170	1	5	1	1		4	49	3	491	244	253	219	194	2491
II.—Diseases of Uncertain or Variable Seat	26	4	2	6	12	8		3	4	3	16	11	44	24			4	2		20	10	55	23	38	33	18	366
III.—Tubercular Diseases	193	39	41	13	55	37	2	11	31	34	40	56	207	48	2		10		1	66	10	386	125	194	159	96	1856
IV.—Diseases of the Brain, Spinal Marrow, &c.	185	35	31	26	59	24	7	14	20	24	42	51	145	19	10	1	8	1		22	6	275	118	154	125	117	1519
V.—Diseases of the Heart and Blood Vessels	85	17	13	14	31	13	3	17	11	17	33	25	112	27	1		10			14	24	104	51	70	85	51	828
VI.—Diseases of the Lungs, &c.	587	175	102	86	196	51	5	23	48	64	69	86	367	29	1		16			59	25	637	293	304	326	301	3850
VII.—Diseases of the Stomach, Liver, &c.	66	13	9	13	24	9	1	10	6	15	14	19	24	18	2	2	5	1		9	11	128	69	58	43	46	615
VIII.—Diseases of the Kidneys, &c.	31	9	7	3	5	2	1	1	3	3	5	9	31	29	1	2	7			12	6	33	22	35	22	18	297
IX.—Childbirth, Diseases of the Uterus, &c.	14	1	1	1	3	2		1		1	2	3	9			6			1	2		19	10	9	11	9	105
X.—Rheumatism, Diseases of the Joints, &c.	12	1	2	1	5				1	1	3	4	9	17	2		1	1		1	6	10	4	8	6	6	101
XI.—Diseases of the Skin, Cellular Tissue, &c.	6	1	2		2	1			1	2		1	7	8		1				1		15	5	4	6	6	69
XII.—Malformations	6	2		2	2						1	1				1						9	6	4	3	3	40
XIII.—Premature Birth	22	1	6	5	12	2		2	1	3	10	12	5							4		54	23	37	29	11	239
XIV.—Atrophy and Debility	155	48	20	24	67	20	3	3	11	12	20	15	66	1		2				4	1	175	79	68	73	48	915
XV.—Old Age	41	5	4	9	16	7	1	6	6	16	16	16	104	1						11	1	73	30	47	38	35	483
XVI.—Privation, Cold, &c.						1			1																3	1	6
XVII.—Violence, &c.	74	25	22	13	29	14	8	1	13	16	6	15	49	50	9		70	16		6	34	64	67	30	20	35	686
Causes not specified	2		1	1	3						1	3	19								1			1	1	3	36
Class 1.—Small Pox																											
Measles	75	9	3	5	25	7			7	13	3	6	14							2		123	40	27	52	44	455
Scarlatina	123	13	11	7	38	13		2	12	10	11	16	33							12		145	79	97	60	52	734
Whooping Cough	21	9	1	1	11	4		4	5	4	6	9	3									41	15	42	34	24	234
Croup	23	2	1	2	2	3	1	2	3	1	1	4	1		1				1			31	16	19	11	9	134
Diarrhœa	75	12	11	12	26	5		5	1	10	11	8	26		1						1	66	35	24	30	43	402
Dysentery	1								1				2				1							1	2	1	9
Cholera	1			1							1											1		2		1	7
Influenza	1																										1
Infantile Remittent	1		1								1											1	1	2	1		8
Fever	31	5	2	1	9	3		1	3		1	2	60						3	29		35	28	13	10	12	248
Erysipelas	4		2	2	3			1	1		2	1	8		2					1		10	6	10	6	1	60
Syphilis	12	5	2		5	4			1	3	2		18							3		7	3	4	3	3	75
Diphtheria	6	1						1	1	2	4	2	1									20	16	6	4	3	67
Thrush	3				1																	2					6
Puerperal Fever	2	1	1									1	2			1				1		2	2		3		16
Rheumatic Fever					1							1	1	1								1	2	4	2		13
Mumps																										1	1
Quinsy						1																1	1	2	1		6
Ague	1					1															2	1					5
Chicken Pox	1								1											1		1					4
Purpura	1												1		1							3					6
Class 2.—Dropsy	6	2		3	4	2			2	1	3	1										4	3	5	6	3	45
Gangrene	1					1							7					1		3		1		1		1	16
Cancer	18	2	2	3	8	5		2	2	1	10	7	31	18			4	1		17	9	43	17	27	24	10	261
Tumour													1	2								3			1		7
Noma											1	1	5								1	2		2		1	13
Anæmia	1									1	2			1									2		1	3	11
Gout																								3	1		4
Carbuncle								1				2		1													4
Lymphadenoma														2													2
Bronchocele																						1					1
Cellulitis																							1				1
Goitre																						1					1
Class 3.—Scrofula	13		2		2				5	5	4	3	4	5	1		3			1	2	52	9	16	5	3	135
Tabes Mesenterica	31	3	5		7	2		1	2	3	5	2								1	1	41	24	23	11	18	180
Phthisis	123	32	32	13	44	27	1	10	22	23	29	46	201	43	1		7		1	64	7	234	73	133	120	62	1348
Hydrocephalus	26	4	2		2	8	1		2	3	2	5	2									59	19	22	23	13	193
Class 4.—Inflammation of Brain, &c.	42	4	5	1	3	2		1	1		4	7	7	5	8		3			6	2	48	27	25	15	8	224
Cerebro-spinal Meningitis							1															2	1				4
Apoplexy	18	4	3	10	8	4	1	3	2	5	7	11	8	1			3	1		5		37	17	23	26	16	213
Spinal Meningitis						1						1										1					3
Paralysis	16	2	3	1	5	1	1	2	2	2	8	5	57	3						5	3	25	15	12	17	13	198
Delirium Tremens					1		1																			1	3
Epilepsy	4		3		1	1	1			1		1	9	2								10		5	4	1	43
Tetanus											1												1				2
Convulsions	80	24	14	11	32	7	2	7	13	14	14	12	11		1	1				1		116	43	68	55	69	595
Chorea	2			1								1			1											1	6
Disease of Brain, &c.	9	1	3	2	4	5		1	2	2	6	9	49	5			1			2	1	22	10	16	1	6	157
Congestion of Brain	5				2	2					2	1		1								6	2	3	1		25
Myelitis	2												3							2		1			1		9
Disease of Spine	6				1							1	1	2			1			1		4	2	1	4	1	25
Otitis												2										2		1	1		6
Alcoholism	1				2	1																1				1	6
Class 5.—Disease of Heart	78	15	13	13	25	10	3	13	10	13	30	24	99	16	1		5			7	19	94	40	54	74	46	702
Valvular Disease of Heart	4				4	1		1			1	1	8	6			1			5	1	6	7	12	8	2	68
Aneurism	1	1			1	2		1			1		3	3			4			2	4			1	1	2	27
Hæmorrhage	1	1			1			1		1			2									4	2	1	1		15
Angina Pectoris	1										1			1										1		1	5
Embolism				1						2													1				4
Phlebitis									1	1														1	1		4
Syncope								1															1				2
Injury to Bloodvessel														1													1
Class 6.—Bronchitis	442	156	86	73	146	29	2	15	29	45	53	60	258	13			2			39	6	442	179	220	251	246	2792
Pneumonia	111	16	14	8	43	12	1	5	15	17	12	17	86	9	1		11			16	12	152	89	66	51	39	803
Asthma	1			1	2			1	1			1	4							1		6		6	6	2	32
Disease of Lungs, &c.									1	1	2		2	1						1		1		1	3		13
Congestion of Lungs	22	1			2	2	1	1				3	1							1		13	8	3	4	6	68
Emphysema of Lungs				1	1		1				1		2	2						1		5	1	2	1	2	20
Hæmoptysis	2					3		1	1				3								1	2	1	1	1	2	18
Laryngitis	4	1	2	2		1					1	2	4				1				2	8	6		2	2	38
Laryngismus Stridulus	1	1		1		1			1			1										2	6	1	4	1	20
Pleurisy	4				2	2				1		2	6	2			2				3	6	3	4	2	1	40
Tracheitis						1																					1
Disease of Larynx													1	1							1				1		4
Disease of Trachea														1													1
Class 7.—Teething	22	7	1	5	2	1		2	2	4		4	1									26	5	13	6	5	106
Inflammation of Stomach	4			1		1				1		1	1									8	3	4	3	1	28
Inflammation of Bowels	13	1	1		4	1		1	1	3	1	2	3							1	1	14	15	4	3	7	76
Peritonitis	2	1		1	3			1			1		4	2	1						2	15	8	7	3	3	54
Fistula														2									2				4
Disease of Stomach, &c.	3		1			2		1	1	1	3	3	2	5		1	1			1	1	2	2	5	5	2	42
Melæna																						2					2
Disease of Liver	19	4	4	3	11	2	1	3	1	4	3	8	6	3			3			1	5	48	25	20	12	22	208
Ascites			1					1				1	2	1									1	1	1		9
Hernia	1									2	4		4	3	1	1	1			1		2	1	1			22
Ileus	2				1	2		1			2			1				1		3	1	5	5	1	5	4	34
Hæmatemesis				2					1													5			1	1	10
Disease of Œsophagus				1									1														2
Disease of Rectum					2									1						1						1	5
Disease of Spleen																							1				1
Gallstones			1																						1		2
Sore Throat																								2	1		3
Disease of Glands																				1	1				1		3
Pharyngitis					1																	1	1		1		4
Class 8.—Disease of Kidneys, &c.	10		1	1	1		1		1			2	8	6			1			3	2	7	6	6	6	8	70
Diabetes													1	1						2	1	1	1		2	1	10
Nephria	19	9	5	2	4	1		1	1	2	3	6	20	11	1	1	3			5	1	19	14	24	11	8	171
Disease of Bladder	2		1			1				1	1			3						1	1	4		4	2		21
Disease of Prostate														1			2					1					4
Disease of Supra-renal Capsules																1							1	1	1		4
Disease of Genital Organs														1								1					2
Stricture of Urethra									1		1	1	1	5			1			1							11
Stone														1							1					1	3
Perineal Abscess													1														1
Class 9.—Childbirth	9	1		1	2			1		1		1				1						8	4	4	2	4	39
Disease of Uterus, &c.	3		1			1							1			1							2	1	2	1	13
Disease of Ovary, &c.					1								1			1						1	1	1	3		9
Pelvic Cellulitis																									1		1
Vaginitis																							1				1
Mala Puerperis Incidentia	2					1					2	2	7			3			1	2		10	2	3	3	4	42
Class 10.—Rheumatism	9		1		4						1	3	6	1						1	2	6	4	5	3	4	50
Disease of Bones and Joints	3	1	1	1	1				1	1	1		3	16	2		1	1			4	4		3	3	2	49
Inflammation of Foot											1																1
Fractured Rib												1															1
Class 11.—Abscess	2	1	1		2					2		1	6	2								8	2		1		28
Ulcer	2												1	1								1			2	1	8
Pyæmia	1		1											4		1				1		2			1	2	13
Septicæmia						1								1										1			3
Leucocythæmia																						2	2		1		5
Disease of Skin	1								1													2	1	3	1	3	12
Class 17.—Natural Causes	5	2	3	3	4	2	2	1	4	2	2	2	16	3			1			2		12	7	3	2	1	79
Found Dead																						1	1		1		3
Drowned	8	5	5	2			3		2	1												1	13	3		4	47
Want of Attention after Birth			1			1																1	1				4
Suffocated	34	6	7	4	13	4	1		4	4	1	5	5					1		1		24	22	13	7	15	171
Want of Nourishment													1														1
Burns	1	4			1					1			2	10	7		8	1			6	2	1			1	45
Want of Natural Food													1														1
Scalds	3	1	1		3							1			1		4				2	3	4				23
Exposure to Cold				1		1											1							1			4
Accidentally Killed	12	3			5	2	2		3	4	2	3	3	26			40	13			16	6	8	2	7	7	164
Misadventure			1											1													2
Injuries—no Evidence	3	1	1			1						1	9	7	1		9			2	6	2	2	2		1	48
Accidentally Poisoned						1							1				1				1	1	1		1		7
Excessive Drinking	3	1	1		1					2	1	2	9				1					2	2	1		2	28
Poisoned—no Evidence																							1		1		2
Effects of Immersion in a Dock	1												2				2				1						6
Accidentally swallowed Half Sovereign																							1				1
Accidentally Shot																	1										1
Hydrophobia																		1									1
Suicide by—Hanging	1			1		1																2	1			1	7
Suicide by—Strangling			1																			4		2	1	1	9
Suicide by—Poison				1		1				2				1								1		2		1	9
Suicide by—Drowning																							1				1
Suicide by—Cut Throat	1	1																				2		1			5
Suicide by—Jumping from Window																					1						1
Manslaughter	1	1		1													1			1							6
Murder	1		1		2							1		1			1				1					1	9
Hanged for Murder																							1				1
Causes not specified	2		1	1	3						1	3	19								1			1	1	3	36
Males	948	217	162	113	310	111	22	53	93	121	150	190	770	174	21	2	108	19	3	153	96	1252	594	653	583	497	7415
Females	939	216	136	135	332	121	10	55	100	133	171	187	598	98	12	14	24	2	3	127	42	1276	575	661	619	501	7087